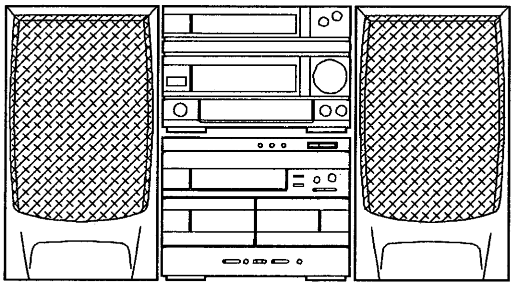
aiwa

aiwa SERVICE

NSX-D737



COMPACT DISC STEREO SYSTEM

- BASIC TAPE MECHANISM: 2ZM-3PR2N
- BASIC CD MECHANISM: KSM-2101ABM

- TYPE: HE,LH.EE. K.U.EEZ

SERVICE MANUAL

REVISION PUBLISHING

SYSTEM	AMPLIFIER TUNER	CASSETTE DECK CD PLAYER	REMOTE CONTROLLER	SPEAKER
NSX-D737 (TYPE:HE,LH)	RX-N737	FD-N939	RC-TN707	SX-N737
———— (TYPE: EE,K,U,EEZ)	RX-N737	FD-N939	RC-TN707	SX-N737

S/M Code No. 09-946-055-60T

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SPECIFICATIONS

TUNER/AMPLIFIER RX-N737

<FM section>

Frequency range 87.5 MHz to 108 MHz
Usable sensitivity (IHF)
HE, LH, HR, U : 1.3 μV (75 ohms)
13.2 dBf
EE, K, EEZ : 2.5 μV (75 ohms)
19.2 dBf
Alternate channel selectivity
HE, LH, HR, U : 50 dB (± 400 kHz)
EE, K, EEZ : 60 dB (± 400 kHz)
Signal-to-noise ratio 68 dB (STEREO), 72 dB (MONO)
Harmonic distortion 0.3 % (MONO), 1 kHz
0.8 % (STEREO), 1 kHz
Frequency response 20 Hz to 15 kHz
(+0.5 dB, −3 dB)
Stereo separation 33 dB at 1 kHz
Antenna 75 ohms (unbalanced)

<AM section>

Frequency range HE, LH, HR :
531 (530) kHz to 1,602 (1,710) kHz
U : 530 (531) kHz to 1,710 (1,602) kHz
Usable sensitivity 400 μV/m
Selectivity 23 dB (9 kHz)
Signal-to noise ratio 53 dB (100 dB input)
Antenna Loop antenna

<MW section EE, EEZ, K>

Frequency range 531 kHz to 1,602 kHz
Usable sensitivity 400 μV/m
Selectivity 23 dB (9 kHz)
Signal-to noise ratio 53 dB (100 dB input)
Antenna Loop antenna

<LW section EE, EEZ, K>

Frequency range 144 kHz to 290 kHz
Usable sensitivity 1,000 μV/m
Antenna Loop antenna

<Timer section and general>

Program timer "Once" and/or "every"
(independent setting)
Sleep timer Capable of setting in 10 minute increments, 99 minutes maximum

<Amplifier section>

Power output
HE : 50 W + 50 W
(6 ohms, T.H.D. 10 %, 1 kHz)
LH : 70 W + 70 W
(6 ohms, T.H.D. 10 %, 1 kHz)
U : FTC RULE 50 watts per channel Min. RMS at 6 ohms, from 65 Hz to 15 KHz, with no more than 1 % Total Harmonic Distortion
EE, EEZ : 35 W + 35 W
(6 ohms, T.H.D. 1 %, 1 kHz)
K : 50 W + 50 W
(6 ohms, T.H.D. 10 %, 1 kHz)
35 W + 35 W
(6 ohms, T.H.D. 1 %, 1 kHz)
HR : Rated power output
35 W + 35 W
(6 ohms, T.H.D. 1 %, 1 kHz)
Reference power output
50 W + 50 W
(6 ohms, T.H.D. 10 %, 1 kHz)
Harmonic distortion 0.1 % (25 W, 1kHz, 6 ohms)
Input sensitivity (load impedance)
VIDEO 1/DAT : 300 mV
(47 kohms with volume)
VIDEO 2/AUX : 500 mV
(47 kohms)
Output terminal SUPER WOOFER
HE, HR : 1.7 V
LH : 2.0 V
U, EE, EEZ, K : 1.5 V
Power requirements HE, HR, LH : 120/220/240 V AC selectable, 50/60 Hz
U : 120 V AC, 60 Hz
EE, EEZ : 230 V AC, 50 Hz
K : 230 − 240 V AC, 50 Hz
Power consumption HE : 105 W
HR : 130 W
LH : 140 W
U : 125 W
EE, EEZ, K : 220 W
Dimensions (W × H × D)
HE, HR, LH, U : 260 × 198 × 330.5 mm
(10 $^1/_4$ × 7 $^7/_8$ × 13 $^1/_8$ in.)
EE, EEZ, K : 260 × 198 × 333.5 mm
(10 $^1/_4$ × 7 $^7/_8$ × 13 $^1/_4$ in.)
Weight 6.0 kg (13.23 lbs.)

CASSETTE DECK/COMPACT DISC PLAYER FD-N939

<Cassette deck section>

Track format 4 tracks, 2 channels
Frequency response Metal tape : 20 − 17,000 Hz
CrO_2 tape : 20 − 16,000 Hz
Normal tape : 20 − 15,000 Hz
Signal-to-noise ratio
73 dB (Dolby C NR ON, metal tape peak level above 5 kHz)
Wow and flutter 0.12 % (WRMS) ± 0.19 % (WPEAK)
Tape speed 4.8 cm/sec.(1 $^7/_8$ ips)
9.5 cm/sec.(double speed)
Recording system AC bias
Erase system AC erase
Motor DC servomotor × 2 (with capstans)
Heads Playback head × 1 (deck 1)
Record/playback/erase head × 1 (deck 2)

<Compact disc player section>

Disc Compact disc
Scanning method Non-contact optical scanner
(with semi-conductor laser)
Laser Semi-conductor laser ($\lambda = 780$ nm)
Rotation speed Approx. 500 rpm-200 rpm (CLV)
Error correction Cross interleave, Reed Solomon code
D-A conversion 1-bit DAC
Signal-to-noise ratio
90 dB (1 kHz)
Harmonic distortion 0.03 % (1 kHz)
Wow/flutter Unmeasurable
Dimensions (W × H × D)
260 × 198 × 328 mm
(10 $^1/_4$ × 7 $^5/_8$ × 13 in.)
Weight 4.5 kg (9.9 lbs.)

SPEAKER SX-N737/SX-N737YL

Cabinet type 3-way, bass reflex
(EIAJ magnelically shielded)
Impedance 6 ohms
Music power SX-N737 : 60 W
SX-N737YL : 80 W
Speaker 130 mm cone type woofer
60 mm cone type tweeter
20 mm ceramic type super tweeter
Output sound pressure level
87 dB/W/m
Dimensions (W × H × D)
215 × 396 × 240 mm
(8 $^1/_2$ × 15 $^5/_8$ × 9 $^1/_2$ in.)
Weight 4.2 kg (9.2 lbs.)

COMMON SECTION

Power requirements HE, HR, LH : 120/220/240 V AC selectable, 50/60 Hz
U : 120 V AC, 60 Hz
EE, EEZ : 230 V AC, 50 Hz
K : 230 − 240 V AC, 50 Hz
Power consumption System total
HE : 125 W
LH : 155 W
HR : 150 W
U : 140 W
EE, EEZ, K : 235 W
Dimensions (W × H × D)
Vertical placement
HE, HR, LH, U : 690 × 396 × 330.5 mm
(27 $^1/_4$ × 15 $^5/_8$ × 13 $^1/_8$ in.)
EE, EEZ, K : 690 × 396 × 333.5 mm
(27 $^1/_4$ × 15 $^5/_8$ × 13 $^1/_4$ in.)
Horizontal placement
HE, HR, LH, U : 950 × 396 × 330.5 mm
(37 $^1/_2$ × 15 $^7/_8$ × 13 $^1/_3$ in.)
EE, EEZ, K : 950 × 396 × 333.5 mm
(37 $^1/_2$ × 15 $^7/_8$ × 13 $^1/_4$ in.)
Weight 18.9 kg (41.6 lbs.)

- Design and specifications are subject to change without notice.
- Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.
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Under license from BBE Sound, Inc.

MODEL NO.

RX-N737

ELECTRICAL MAIN PARTS LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
IC			
	82-NT2-630-110		IC, CXP82324-141Q
	82-NE6-617-010		IC, GP1U581X
	87-002-950-010		IC, BA3826S
	87-017-889-010		IC, NJM4558LD
	87-017-311-080		IC, M65831FP〈HE〉
	87-002-444-010		IC, BU4094B
	87-001-607-080		IC, NJM4558M
	87-002-967-080		IC, BU4052BF
	87-002-727-010		IC, NJM4558L
	87-020-982-010		IC, STK4162-MK2〈LH〉
	87-001-582-010		IC, STK4152-2〈EXCEPT LH〉
	87-002-218-010		IC, XRC5451AP
	87-017-294-010		IC, NJM2120L
	87-017-309-010		IC, M65830P
	87-002-429-010		IC, NJU7305L
	87-001-530-010		IC, LA3607
	87-002-901-080		IC, BU4094BF
	87-017-296-180		IC, LA1831M
	87-001-927-080		IC, LC7218M
TRANSISTOR			
	89-420-052-080		TR, 2SD2005Q
	87-026-235-080		C-TR, DTC114EK
	89-112-965-080		TR, 2SA1296GR
	89-327-125-080		C-TR, 2SC2712GR
	89-320-011-080		TR, 2SC2001K
	89-213-702-010		TR, 2SB1370E
	89-111-625-080		C-TR, 2SA1162GR
	89-332-665-080		TR, 2SC3266GR
	89-110-155-080		TR, 2SA1015GR
	87-026-462-080		TR, 2SC1740S(RS)
	89-318-155-080		TR, 2SC1815GR
	87-026-227-080		C-TR, DTA114EK
	87-026-223-080		C-TR, DTC143TK
	87-026-213-080		C-TR, DTC114YK
	89-333-266-080		C-TR, 2SC3326B
	89-113-187-880		TR, 2SA1318TU
	89-333-317-880		TR, 2SC3331TU
	87-026-230-080		C-TR, DTA114YK
	89-503-602-080		C-FET, 2SK360E
	89-327-143-080		C-TR, 2SC2714(O)
	87-026-233-080		TR, DTA114TK
	89-502-094-080		C-FET, 2SK209Y
	87-026-229-080		C-TR, DTA143XK
DIODE			
	87-020-691-080		DIODE, 1SS132
	87-027-652-080		ZENER, HZ9A1L
	87-017-101-080		ZENER, HZS6C2
	87-001-911-080		ZENER, UTZJ 4.7A
	87-027-332-080		ZENER, HZ6B1L
	87-002-430-080		ZENER, UTZJ8.2C
	87-002-225-010		DIODE, DBF 40C-K10〈U, K, EE, EEZ〉
	87-002-597-060		DIODE, DBF, 60C-K13〈LH, HE〉
	87-001-912-080		ZENER, UTZJ 5.1B
	87-020-125-080		C-DIODE, 1SS181
	87-020-027-080		C-DIODE, 1SS184
	87-020-285-010		DIODE, DBA30C-K12〈EXCEPT U〉
	87-001-574-080		DIODE, 1SR139-200 T31
	87-001-919-080		ZENER, UTZJ27C
	87-001-916-080		ZENER, UTZJ10B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
	87-027-405-080		ZENER, RD2.2EB
	87-001-915-080		ZENER, UTZJ6.8A
	87-017-091-080		ZENER, HZS5C1
	87-020-339-080		C-DIODE, 1SS226〈K, EE, EEZ〉
	87-017-097-080		ZENER, HZS6B1
	87-017-121-080		ZENER, HZS11A1
MAIN C.B			
C109	87-016-457-090		CAP, E 4700-42〈U, K, EE, EEZ〉
C109	81-794-643-090		CAP, E 4700-50V〈LH, HE〉
C110	87-016-457-090		CAP, E 4700-42〈U, K, EE, EEZ〉
C110	81-794-643-090		CAP, E 4700-50V〈LH, HE〉
C111	87-010-101-080		CAP, E 220-16 SME
C112	87-010-405-080		CAP, E 10-50 SME
C113	87-010-263-080		CAP, E 100-10
C114	87-015-914-080		CAP, E 47-100
C115	87-010-384-080		CAP, E 100-25 SME〈LH, HE, EEZ〉
C115	87-010-247-080		CAP, E 100-50 SME〈U, K, EE, EEZ〉
C116	87-010-384-080		CAP, E 100-25 SME〈LH, HE, EEZ〉
C116	87-010-247-080		CAP, E 100-50 SME〈U, K, EE, EEZ〉
C117	87-010-400-080		CAP, E 0.47-50 SME
C118	87-010-401-080		CAP, E 1-50 SME
C119	87-010-544-080		CAP, E 0.1-50
C120	87-010-235-080		CAP, E 470-16 SME
C121	87-010-101-080		CAP, E 220-16 SME
C122	87-010-374-080		CAP, E 47-10
C123	87-010-374-080		CAP, E 47-10
C124	87-010-260-080		CAP, E 47-25 SME
C125	87-010-405-080		CAP, E 10-50 SME
C126	87-012-140-080		C-CAP, S 470P-50 CH
C127	87-010-698-010		CAP, E 4700-25 105〈U〉
C127	87-016-110-090		CAP, E 5600-25SME〈EXCEPT U〉
C128	87-010-374-080		CAP, E 47-10
C129	87-010-404-080		CAP, E 4.7-50 SME
C131	87-018-131-080		CAP, TC-U 1000P-50 B
C201	87-010-401-080		CAP, E 1-50 SME
C202	87-010-401-080		CAP, E 1-50 SME
C203	87-010-401-080		CAP, E 1-50 SME
C204	87-010-401-080		CAP, E 1-50 SME
C205	87-010-403-080		CAP, E 3.3-50 SME
C206	87-010-403-080		CAP, E 3.3-50 SME
C207	87-010-380-080		CAP, E 47-16 SME
C208	87-010-380-080		CAP, E 47-16 SME
C209	87-010-401-080		CAP, E 1-50 SME
C210	87-010-401-080		CAP, E 1-50 SME
C211	87-010-402-080		CAP, E 2.2-50 SME
C212	87-010-402-080		CAP, E 2.2-50 SME
C213	87-010-402-080		CAP, E 2.2-50 SME
C214	87-010-402-080		CAP, E 2.2-50 SME
C215	87-010-178-080		C-CAP, S 1000P-50 B
C216	87-010-178-080		C-CAP, S 1000P-50 B
C217	87-010-400-080		CAP, E 0.47-50 SME〈EXCEPT U〉
C218	87-010-400-080		CAP, E 0.47-50 SME〈EXCEPT U〉
C219	87-010-405-080		CAP, E 10-50 SME
C220	87-010-405-080		CAP, E 10-50 SME
C221	87-010-374-080		CAP, E 47-10
C222	87-010-374-080		CAP, E 47-10
C223	87-010-315-080		C-CAP, S 27P-50 CH
C224	87-010-315-080		C-CAP, S 27P-50 CH
C225	87-010-260-080		CAP, E 47-25 SME
C226	87-010-260-080		CAP, E 47-25 SME
C229	87-016-247-080		C-CAP, 0.1-50 F
C230	87-016-247-080		C-CAP, 0.1-50 F

REF. NO	PART NO.	ｶﾝﾘ NO.	DESCRIPTION
C231	87-010-184-080		C-CAP, S 3300P-50 B〈U, K, EE, EEZ〉
C232	87-010-184-080		C-CAP, S 3300P-50 B〈U, K, EE, EEZ〉
C233	87-012-368-080		C-CAP, S 0.1-50F〈K, EE, EEZ〉
C234	87-012-368-080		C-CAP, S 0.1-50F〈K, EE, EEZ〉
C235	87-010-405-080		CAP, E 10-50 SME
C236	87-010-197-080		C-CAP, S 0.01-25 B
C237	87-010-197-080		C-CAP, S 0.01-25 B
C238	87-010-197-080		C-CAP, S 0.01-25 B〈K, EE, EEZ〉
C239	87-010-197-080		C-CAP, S 0.01-25 B
C248	87-010-408-080		CAP, E 47-50 SME
C249	87-010-198-080		C-CAP, S 0.022-25 B
C250	87-012-368-080		C-CAP, S 0.1-50F〈K, EE, EEZ〉
C251	87-010-197-080		C-CAP, S 0.01-25 B
C253	87-018-134-080		CAP, TC-U 0.01-16 Y
C264	87-010-178-080		C-CAP, S 1000P-50 B
C301	87-010-405-080		CAP, E 10-50 SME
C302	87-010-405-080		CAP, E 10-50 SME
C303	87-010-405-080		CAP, E 10-50 SME
C304	87-010-405-080		CAP, E 10-50 SME
C305	87-010-182-080		C-CAP, S 2200P-50 B
C307	87-010-182-080		C-CAP, S 2200P-50 B
C309	87-010-189-080		C-CAP, S 8200P-50 B
C311	87-010-189-080		C-CAP, S 8200P-50 B
C313	87-010-189-080		C-CAP, S 8200P-50 B
C315	87-010-186-080		C-CAP, S 4700P-50 B
C316	87-010-186-080		C-CAP, S 4700P-50 B
C317	87-010-186-080		C-CAP, S 4700P-50 B
C318	87-010-186-080		C-CAP, S 4700P-50 B
C321	87-010-322-080		C-CAP, S 100P-50 CH
C322	87-010-322-080		C-CAP, S 100P-50 CH
C323	87-010-404-080		CAP, E 4.7-50 SME
C324	87-010-404-080		CAP, E 4.7-50 SME
C325	87-010-405-080		CAP, E 10-50 SME
C326	87-010-405-080		CAP, E 10-50 SME
C327	87-010-405-080		CAP, E 10-50 SME
C328	87-010-405-080		CAP, E 10-50 SME
C329	87-010-401-080		CAP, E 1-50 SME
C330	87-010-401-080		CAP, E 1-50 SME
C331	87-010-405-080		CAP, E 10-50 SME
C332	87-010-405-080		CAP, E 10-50 SME
C333	87-010-263-080		CAP, E 100-10
C334	87-010-263-080		CAP, E 100-10
C335	87-010-197-080		C-CAP, S 0.01-25 B
C401	87-010-312-080		C-CAP, S 15P-50 CH
C403	87-010-197-080		C-CAP, S 0.01-25 B
C404	87-010-197-080		C-CAP, S 0.01-25 B
C405	87-010-312-080		C-CAP, S 15P-50 CH
C406	87-010-313-080		C-CAP, S 18P-50 CH〈K, EE, EEZ〉
C407	87-010-146-080		C-CAP, S 2P-50 CH〈K, EE, EEZ〉
C407	87-010-147-080		C-CAP, S 3P-50 CH〈LH, HE〉
C408	87-010-145-080		C-CAP, S 1P-50 CH〈LH, HE〉
C408	87-010-147-080		C-CAP, S 3P-50 CH〈K, EE, EEZ〉
C409	87-010-314-080		C-CAP, S 22P-50 CH
C410	87-010-154-080		C-CAP, S 10P-50 CH
C411	87-010-312-080		C-CAP, S 15P-50 CH
C412	87-010-312-080		C-CAP, S 15P-50 CH
C413	87-010-197-080		C-CAP, S 0.01-25 B
C414	87-010-146-080		C-CAP, S 2P-50 CH
C415	87-010-147-080		C-CAP, S 3P-50 CH〈U, K, EE, EEZ〉
C416	87-010-154-080		C-CAP, S 10P-50 CH
C417	87-010-197-080		C-CAP, S 0.01-25 B
C418	87-012-156-080		C-CAP, S 220P CH
C419	87-010-197-080		C-CAP, S 0.01-25 B
C422	87-010-149-080		C-CAP, S 5P-50 CH
C423	87-010-400-080		CAP, E 0.47-50 SME
C451	87-010-316-080		C-CAP, S 33P-50 CH〈K, EE, EEZ〉
C452	87-010-197-080		C-CAP, S 0.01-25 B
C453	87-010-544-080		CAP, E 0.1-50
C454	87-010-154-080		C-CAP, S 10P-50 CH〈LH, HE, U, EEZ〉
C454	87-010-314-080		C-CAP, S 22P-50 CH〈U, K, EE, EEZ〉
C455	87-012-140-080		C-CAP, S 470P-50 CH〈K, EE, EEZ〉
C456	87-012-155-080		C-CAP, S 180P-50 CH〈K, EE, EEZ〉
C457	87-010-175-080		C-CAP, S 560P-50 SL〈K, EE, EEZ〉
C458	87-010-197-080		C-CAP, S 0.01-25 B〈K, EE, EEZ〉
C459	87-010-197-080		C-CAP, S 0.01-25 B〈K, EE, EEZ〉
C460	87-010-197-080		C-CAP, S 0.01-25 B
C471	87-010-197-080		C-CAP, S 0.01-25 B
C472	87-010-197-080		C-CAP, S 0.01-25 B
C473	87-010-197-080		C-CAP, S 0.01-25 B
C474	87-010-197-080		C-CAP, S 0.01-25 B
C475	87-016-247-080		C-CAP, 0.1-50 F
C477	87-010-197-080		C-CAP, S 0.01-25 B
C479	87-015-819-080		C-CAP, 0.01
C501	87-010-197-080		C-CAP, S 0.01-25 B
C502	87-010-197-080		C-CAP, S 0.01-25 B
C503	87-010-405-080		CAP, E 10-50 SME
C504	87-010-194-080		C-CAP, S 0.047-25 F
C505	87-010-402-080		CAP, E 2.2-50 SME
C506	87-010-401-080		CAP, E 1-50 SME
C507	87-010-178-080		C-CAP, S 1000P-50 B
C508	87-010-314-080		C-CAP, S 22P-50 CH
C509	87-010-403-080		CAP, E 3.3-50 SME
C510	87-010-405-080		CAP, E 10-50 SME
C511	87-010-194-080		C-CAP, S 0.047-25 F
C512	87-010-213-080		C-CAP, S 0.015-25 B
C513	87-010-178-080		C-CAP, S 1000P-50 B〈LH, HE, U〉
C513	87-012-157-080		C-CAP, S 330P-50 CH〈K, EE, EEZ〉
C514	87-010-401-080		CAP, E 1-50 SME
C515	87-010-426-080		C-CAP, S 0.012-25 B〈HE, K, EE, EEZ〉
C515	87-010-220-080		C-CAP, S 0.018-25 B〈LH, U〉
C516	87-010-426-080		C-CAP, S 0.012-25 B〈HE, K, EE, EEZ〉
C516	87-010-220-080		C-CAP, S 0.018-25 B〈LH, U〉
C517	87-010-401-080		CAP, E 1-50 SME
C518	87-010-263-080		CAP, E 100-10
C519	87-010-194-080		C-CAP, S 0.047-25 F
C520	87-010-403-080		CAP, E 3.3-50 SME
C521	87-010-403-080		CAP, E 3.3-50 SME
C525	87-010-197-080		C-CAP, S 0.01-25 B
C541	87-010-197-080		C-CAP, S 0.01-25 B〈LH, HE, U, EEZ〉
C551	87-010-186-080		C-CAP, S 4700P-50 B
C552	87-010-400-080		CAP, E 0.47-50 SME
C553	87-010-384-080		CAP, E 100-25 SME
C554	87-010-315-080		C-CAP, S 27P-50 CH
C555	87-010-263-080		CAP, E 100-10
C556	87-010-197-080		C-CAP, S 0.01-25 B
C557	87-010-178-080		C-CAP, S 1000P-50 B
C558	87-010-178-080		C-CAP, S 1000P-50 B
C559	87-010-178-080		C-CAP, S 1000P-50 B
C560	87-010-178-080		C-CAP, S 1000P-50 B
C564	87-010-314-080		C-CAP, S 22P-50 CH
C571	87-010-179-080		C-CAP, S 1200P-50 B〈U, K, EE, EEZ〉
C572	87-010-403-080		CAP, E 3.3-50 SME〈U, K, EE, EEZ〉
C601	87-010-263-080		CAP, E 100-10
C602	87-010-263-080		CAP, E 100-10
C603	87-010-260-080		CAP, E 47-25 SME
C604	87-010-263-080		CAP, E 100-10
C605	87-010-401-080		CAP, E 1-50 SME
C606	87-010-401-080		CAP, E 1-50 SME
C607	87-010-179-080		C-CAP, S 1200P-50 B
C608	87-010-179-080		C-CAP, S 1200P-50 B
C609	87-010-184-080		C-CAP, S 3300P-50 B
C610	87-010-184-080		C-CAP, S 3300P-50 B
C926	87-010-190-080		C-CAP, S 0.01-50 F
C927	87-012-368-080		C-CAP, S 0.1-50 F
C928	87-010-178-080		C-CAP, S 1000P-50 B
C929	87-010-190-080		C-CAP, S 0.01-50 F
C961	87-010-178-080		C-CAP, S 1000P-50 B〈U, K, EE, EEZ〉
C962	87-010-178-080		C-CAP, S 1000P-50 B〈U, K, EE, EEZ〉
C963	87-010-194-080		C-CAP, S 0.047-25 F〈U, K, EE, EEZ〉
C964	87-010-194-080		C-CAP, S 0.047-25 F〈U, K, EE, EEZ〉

REF. NO	PART NO.	ｶﾝﾘ NO.	DESCRIPTION
C965	87-012-368-080		C-CAP, S 0.1-50F〈K, EE, EEZ〉
C966	87-018-209-080		CAP, TC-U 0.1-50 F〈K, EE, EEZ〉
C967	87-010-322-080		C-CAP, S 100P-50 CH〈U, K, EE, EEZ〉
C968	87-010-322-080		C-CAP, S 100P-50 CH〈U, K, EE, EEZ〉
C969	87-010-322-080		C-CAP, S 100P-50 CH〈U, K, EE, EEZ〉
C970	87-010-322-080		C-CAP, S 100P-50 CH〈U, K, EE, EEZ〉
C973	87-010-194-080		C-CAP, S 0.047-25 F〈U, K, EE, EEZ〉
C974	87-010-194-080		C-CAP, S 0.047-25 F〈U, K, EE, EEZ〉
C975	87-010-194-080		C-CAP, S 0.047-25 F〈U, K, EE, EEZ〉
C976	87-010-194-080		C-CAP, S 0.047-25 F〈U, K, EE, EEZ〉
C979	87-012-368-080		C-CAP, S 0.1-50F〈K, EE, EEZ〉
C980	87-012-368-080		C-CAP, S 0.1-50F〈K, EE, EEZ〉
C981	87-010-194-080		C-CAP, S 0.047-25 F
C998	87-018-134-080		CAP, TC-U 0.01〈K, EE, EEZ〉
C999	87-018-209-080		CAP, TC-U 0.1-50F〈K, EE, EEZ〉
CF501	87-008-261-010		FLTR, SFE10.7MA5-A〈LH, HE, U〉
CF501	87-008-534-010		FLTR, SFE10.7MS3G-B〈K, EE, EEZ〉
CF502	87-008-423-010		CF, SFE10.7 MS3G-A〈K, EE, EEZ〉
CF502	87-008-261-010		FLTR, SFE10.7MA5-A〈LH, HE, U〉
CF503	87-008-518-010		FLTR, CDA10.7MC-43AAZ〈K, EE, EEZ〉
CF503	87-008-500-010		FLTR, CDA10.7MG43A-A〈LH, HE, U〉
CF504	84-508-618-010		VIB, CER CSB 456 F15
D401	87-026-360-080		C-VARICAP, KV1430
D402	87-026-360-080		C-VARICAP, KV1430
D403	87-026-360-080		C-VARICAP, KV1430〈U, K, EE, EEZ〉
D404	87-026-360-080		C-VARICAP, KV1430
D451	81-754-634-010		VARI-CAP, KV1260〈K, EE, EEZ〉
FR107	87-029-016-010		FUSE, RES 22-1/2W FM
J202	80-MT3-616-010		JACK, PIN 2P〈LH, HE, U, EEZ〉
J202	80-MT3-631-010		JACK, PIN 2P EARTH〈K, EE, EEZ〉
J203	87-033-215-010		TERMINAL SP 4P R〈LH, HE, U, EEZ〉
J204	87-009-621-010		JACK, PIN 1P BLK
J301	81-669-655-010		JACK, 6.3 W/S AU
J401	81-631-646-010		ANT TERM 2P PAL〈K, EE, EEZ〉
J401	87-033-214-010		ANT TERM 4P(JT)〈LH, HE, U〉
L201	87-005-366-010		COIL, 1UH〈K, EE, EEZ〉
L202	87-005-366-010		COIL, 1UH〈K, EE, EEZ〉
L401	87-006-209-010		COIL, ANT FM 3/4 T, L5
L402	87-006-210-010		COIL, ANT FM 2 3/4TS, L5
L403	87-006-200-010		COIL, RF FM3-1/2T, L5
L404	87-006-201-010		COIL, RF FM3-1/2TS, L5
L405	87-006-201-010		COIL, RF FM3-1/2TS, L5〈U, K, EE, EEZ〉
L406	87-006-205-010		COIL, OSC FM(7K)
L407	87-003-231-080		C-COIL, S1UH
L408	87-008-427-010		COIL, FMIFT(4T)
L451	82-NT1-685-010		AM PACK 3, S-2NT(W/L453)〈LH, HE, U〉
L451	87-006-207-010		COIL, ANT MW(3B)〈K, EE, EEZ〉
L452	87-006-208-010		COIL, ANT LW〈K, EE, EEZ〉
L453	82-794-687-010		COIL, OSC〈K, EE, EEZ〉
L454	82-794-688-010		COIL, OSC LW〈K, EE, EEZ〉
L501	82-NT1-659-010		FLTR, CFAZ-450 2NT
L503	87-003-241-080		C-COIL, S 4.7UH
L504	82-NT1-633-010		FLTR, AMTI-BIRDLE〈K, EE, EEZ〉
L551	87-003-241-080		C-COIL, S 4.7UH
L601	81-631-643-010		COIL, 1 POLE MPX
L602	81-631-643-010		COIL, 1 POLE MPX
L901	87-003-102-080		COIL, 10UH〈K, EE, EEZ〉
L902	87-003-102-080		COIL, 10UH〈K, EE, EEZ〉
R145	87-022-050-080		RESIS, METAL 1W-0.22J
R146	87-022-050-080		RESIS, METAL 1W-0.22J
R188	87-009-089-090		FUSE, RES 4.7-1/4W FM〈EXCEPT U〉
R188	87-029-089-090		FUSE, RES 4.7-1/4W FM〈U〉
R255	87-022-050-080		RESIS, METAL 1W-0.22J〈EXCEPT U〉
R256	87-022-050-080		RESIS, METAL 1W-0.22J〈EXCEPT U〉
R257	87-022-050-080		RESIS, METAL 1W-0.22J〈EXCEPT U〉
R258	87-022-050-080		RESIS, METAL 1W-0.22J〈EXCEPT U〉
RY101	87-045-335-010		RELAY, G5Z-2A 12VDC
SF401	87-030-105-010		FLTR, BPMB6A〈K, EE, EEZ〉
SFR501	87-021-743-010		SFR, 22K DIA6
TC401	87-011-219-080		CAP, TRIMMER 10P VCT

REF. NO	PART NO.	ｶﾝﾘ NO.	DESCRIPTION
TC402	87-011-219-080		CAP, TRIMMER 10P VCT
TC403	87-011-219-080		CAP, TRIMMER 10P VCT〈U, K, EE, EEZ〉
TC451	87-011-220-080		CAP, TRIMMER 20P VCT〈K, EE, EEZ〉
TC452	87-011-221-080		TRIMER. 30P VCT51〈K, EE, EEZ〉
W101	82-NT1-640-110		F-CABLE, 7P-2.5
W102	82-NT1-644-010		CORD, FG 15P〈LH, HE, U〉
W102	82-NT1-658-010		CORD, FG 15P-755〈K, EE, EEZ〉
X551	87-030-299-010		VIB, XTAL 7.2MHZ(KDS)

FRONT C.B

REF. NO	PART NO.	ｶﾝﾘ NO.	DESCRIPTION
C1	87-010-370-080		CAP, E 330-6.3 SME
C2	87-018-134-080		CAP, TC-U 0.01-16 Y
C3	87-018-134-080		CAP, TC-U 0.01-16 Y
C4	87-010-405-080		CAP, E 10-50 SME
C5	87-010-178-080		C-CAP, S 1000P-50 B
C6	87-010-182-080		C-CAP, S 2200P-50 B
C7	87-018-131-080		CAP, TC-U 1000P-50 B
C8	87-010-404-080		CAP, E 4.7-50 SME
C9	87-018-195-080		CAP, TC-U 1200P-16 X
C10	87-010-400-080		CAP, E 0.47-50 SME
C11	87-018-124-080		CAP, TC-U 270P-50 B
C12	87-010-544-080		CAP, E 0.1-50
C13	87-010-405-080		CAP, E 10-50 SME
C14	87-010-405-080		CAP, E 10-50 SME
C15	87-018-131-080		CAP, TC-U 1000P-50 B
C16	87-010-405-080		CAP, E 10-50 SME
C17	87-010-405-080		CAP, E 10-50 SME
C18	87-010-405-080		CAP, E 10-50 SME
C19	87-010-405-080		CAP, E 10-50 SME
C20	87-010-544-080		CAP, E 0.1-50
C22	87-018-127-080		CAP, TC-U 470P-50 B
C23	87-015-819-080		C-CAP, 0.01-50 B K
C24	87-015-819-080		C-CAP, 0.01-50 B K
C25	87-010-197-080		C-CAP, S 0.01-25 B
C40	87-010-405-080		CAP, E 10-50 SME
C41	87-010-405-080		CAP, E 10-50 SME
C42	87-010-405-080		CAP, E 10-50 SME
C71	87-010-322-080		C-CAP, S 100P-50 CH
C101	87-010-404-080		CAP, E 4.7-50 SME〈HE〉
C102	87-010-175-080		C-CAP, S 560P-50 SL〈HE〉
C104	87-010-260-080		CAP, E 47-25 SME〈HE〉
C108	87-018-128-080		CAP, TC-U 560P-50 B〈HE〉
C109	87-018-201-080		CAP, TC-U 5600P-16 X〈HE〉
C110	87-010-401-080		CAP, E 1-50 SME〈HE〉
C111	87-018-134-080		CAP, TC-U 0.01-16 Y〈HE〉
C112	87-018-134-080		CAP, TC-U 0.01-16 Y〈HE〉
C113	87-010-260-080		CAP, E 47-25 SME〈HE〉
C114	87-010-187-080		C-CAP, S 5600P-50 B〈HE〉
C131	87-010-196-080		C-CAP, S 0.1-25 F
C151	87-010-401-080		CAP, E 1-50 SME
C152	87-010-112-080		CAP, E 100-16
C158	87-018-201-080		CAP, TC-U 5600P-16 X〈HE〉
C503	87-010-178-080		C-CAP, S 1000P-50 B〈K, EE, EEZ〉
C504	87-010-322-080		C-CAP, S 100P-50 CH〈K, EE, EEZ〉
C981	87-010-197-080		C-CAP, S 0.01-25 B
C998	87-012-140-080		C-CAP, S 470P-50 CH
C999	87-012-140-080		C-CAP, S 470P-50 CH
CF1	87-008-497-080		CERA LOCK CST7.68MTW
CF101	87-008-496-080		CERA LOCK CST2.09MG〈HE〉
D14	87-017-376-080		LED, SEL-6514C TP6
D15	87-017-376-080		LED, SEL-6514C TP6
D16	87-017-376-080		LED, SEL-6514C TP6
D17	87-017-376-080		LED, SEL-6514C TP6
D18	87-017-376-080		LED, SEL-6514C TP6
D19	87-017-376-080		LED, SEL-6514C TP6
D20	87-017-376-080		LED, SEL-6514C TP6
D59	87-017-369-080		LED, SEL-2510C TP6
D60	87-017-369-080		LED, SEL-2510C TP6
D61	87-020-862-080		LED, SEL-2213C

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
D62	87-020-862-080		LED, SEL-2213C
D63	87-020-862-080		LED, SEL-2213C
D64	87-020-862-080		LED, SEL-2213C
D65	87-020-862-080		LED, SEL-2213C
D66	87-020-862-080		LED, SEL-2213C
D67	87-020-862-080		LED, SEL-2213C
D68	87-020-862-080		LED, SEL-2213C
D69	87-020-862-080		LED, SEL-2213C
D70	87-020-862-080		LED, SEL-2213C
D71	87-020-862-080		LED, SEL-2213C
D72	87-020-862-080		LED, SEL-2213C
D73	87-020-862-080		LED, SEL-2213C
FL1	82-NT2-631-010		FL, BJ 135GK
J1	81-MX4-630-010		JACK, 3.5
L1	87-003-102-080		COIL, 10UH
L2	87-003-152-080		COIL, 100UH
L20	87-003-102-080		COIL, 10UH
L21	87-005-152-080		COIL, 10UH
L32	87-003-102-080		COIL, 10UH
L981	87-008-372-080		FLTR, EMI BL 01RN1
L982	87-008-372-080		FLTR, EMI BL 01RN1
SW1	87-036-215-080		SW, TACT EVQ-21404M
SW2	87-036-215-080		SW, TACT EVQ-21404M
SW3	87-036-215-080		SW, TACT EVQ-21404M
SW4	87-036-215-080		SW, TACT EVQ-21404M
SW5	87-036-215-080		SW, TACT EVQ-21404M
SW6	87-036-215-080		SW, TACT EVQ-21404M
SW7	87-036-215-080		SW, TACT EVQ-21404M
SW8	87-036-215-080		SW, TACT EVQ-21404M
SW9	87-036-215-080		SW, TACT EVQ-21404M
SW10	87-036-215-080		SW, TACT EVQ-21404M
SW11	87-036-215-080		SW, TACT EVQ-21404M
SW12	87-036-215-080		SW, TACT EVQ-21404M
SW13	87-036-215-080		SW, TACT EVQ-21404M
SW14	87-036-215-080		SW, TACT EVQ-21404M
SW15	87-036-215-080		SW, TACT EVQ-21404M
VR1	81-MT3-633-010		VR, 10KA RK11K1130
VR100	82-NT1-651-010		VOL, SLIDE 10KB〈HE〉

VOL C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
C201	87-010-405-080		CAP, E 10-50 SME
C202	87-010-405-080		CAP, E 10-50 SME
C203	87-012-156-080		C-CAP, S 220P-50 CH
C204	87-012-156-080		C-CAP, S 220P-50 CH
C205	87-010-405-080		CAP, E 10-50 SME
C206	87-010-405-080		CAP, E 10-50 SME
C207	87-010-405-080		CAP, E 10-50 SME
C208	87-010-405-080		CAP, E 10-50 SME
C209	87-012-154-080		C-CAP, S 150P-50 CH
C210	87-012-154-080		C-CAP, S 150P-50 CH
C211	87-010-197-080		C-CAP, S 0.01-25 B
C212	87-010-197-080		C-CAP, S 0.01-25 B
C213	87-010-401-080		CAP, E 1-50 SME
C214	87-010-401-080		CAP, E 1-50 SME
C215	87-010-404-080		CAP, E 4.7-50 SME
C216	87-010-404-080		CAP, E 4.7-50 SME
C217	87-010-183-080		C-CAP, S 2700P-50 B
C218	87-010-183-080		C-CAP, S 2700P-50 B
C219	87-012-155-080		C-CAP, S 180P-50 CH
C220	87-012-155-080		C-CAP, S 180P-50 CH
C221	87-010-404-080		CAP, E 4.7-50 SME
C222	87-010-404-080		CAP, E 4.7-50 SME
C225	87-010-400-080		CAP, E 0.47-50 SME
C226	87-010-400-080		CAP, E 0.47-50 SME
C227	87-010-404-080		CAP, E 4.7-50 SME
C228	87-010-404-080		CAP, E 4.7-50 SME
C229	87-010-405-080		CAP, E 10-50 SME
C230	87-010-405-080		CAP, E 10-50 SME
C231	87-010-405-080		CAP, E 10-50 SME
C232	87-010-401-080		CAP, E 1-50 SME
C233	87-010-401-080		CAP, E 1-50 SME
C234	87-010-401-080		CAP, E 1-50 SME
C237	87-010-101-080		CAP, E 220-16 SME
C238	87-010-197-080		C-CAP, S 0.01-25 B
C245	87-010-405-080		CAP, E 10-50 SME
C246	87-010-401-080		CAP, E 1-50 SME
C247	87-010-187-080		C-CAP, S 5600P-50 B
C248	87-010-175-080		C-CAP, S 560P-50 SL
C250	87-010-260-080		CAP, E 47-25 SME
C251	87-010-400-080		CAP, E 0.47-50 SME
C252	87-010-400-080		CAP, E 0.47-50 SME
C254	87-010-187-080		C-CAP, S 5600P-50 B
C255	87-010-175-080		C-CAP, S 560P-50 SL
C256	87-010-197-080		C-CAP, S 0.01-25 B
C257	87-010-401-080		CAP, E 1-50 SME
C258	87-010-197-080		C-CAP, S 0.01-25 B
C259	87-010-260-080		CAP, E 47-25 SME
C260	87-010-197-080		C-CAP, S 0.01-25 B
C269	87-010-405-080		CAP, E 10-50 SME
C270	87-010-405-080		CAP, E 10-50 SME
C281	87-010-405-080		CAP, E 10-50 SME
C282	87-012-140-080		C-CAP, S 470P-50 CH
C283	87-010-544-080		CAP, E 0.1-50
C284	87-010-406-080		CAP, E 22-50 SME
C301	87-010-404-080		CAP, E 4.7-50 SME
C302	87-010-404-080		CAP, E 4.7-50 SME
C303	87-010-404-080		CAP, E 4.7-50 SME
C304	87-010-404-080		CAP, E 4.7-50 SME
C305	87-010-404-080		CAP, E 4.7-50 SME
C306	87-010-404-080		CAP, E 4.7-50 SME
C307	87-012-140-080		C-CAP, S 470P-50 CH
C308	87-012-140-080		C-CAP, S 470P-50 CH
C309	87-010-184-080		C-CAP, S 3300P-50 B
C310	87-010-184-080		C-CAP, S 3300P-50 B
C311	87-010-178-080		C-CAP, S 1000P-50 B
C314	87-010-178-080		C-CAP, S 1000P-50 B
C315	87-010-184-080		C-CAP, S 3300P-50 B
C316	87-010-184-080		C-CAP, S 3300P-50 B
C319	87-010-189-080		C-CAP, S 8200P-50 B
C320	87-010-189-080		C-CAP, S 8200P-50 B
C325	87-010-544-080		CAP, E 0.1-50
C326	87-010-544-080		CAP, E 0.1-50
C329	87-010-546-080		CAP, E 0.33-50 SME
C330	87-010-546-080		CAP, E 0.33-50 SME
C333	87-010-402-080		CAP, E 2.2-50 SME
C334	87-010-402-080		CAP, E 2.2-50 SME
C336	87-012-140-080		C-CAP, S 470P-50 CH
C337	87-010-404-080		CAP, E 4.7-50 SME
C338	87-010-404-080		CAP, E 4.7-50 SME
C339	87-010-197-080		C-CAP, S 0.01-25 B
C340	87-010-260-080		CAP, E 47-25 SME
C341	87-010-260-080		CAP, E 47-25 SME
C342	87-010-260-080		CAP, E 47-25 SME
C343	87-010-404-080		CAP, E 4.7-50 SME
C344	87-010-404-080		CAP, E 4.7-50 SME
C351	87-010-322-080		C-CAP, S 100P-50 CH
C355	87-012-140-080		C-CAP, S 470P-50 CH
C501	87-010-322-080		C-CAP, S 100P-50 CH〈K, EE, EEZ〉
C502	87-010-322-080		C-CAP, S 100P-50 CH〈K, EE, EEZ〉
C505	87-012-140-080		C-CAP, S 470P-50 CH〈K, EE, EEZ〉
C506	87-012-140-080		C-CAP, S 470P-50 CH〈K, EE, EEZ〉
C507	87-012-140-080		C-CAP, S 470P-50 CH〈K, EE, EEZ〉
C508	87-012-140-080		C-CAP, S 470P-50 CH〈K, EE, EEZ〉
C509	87-010-322-080		C-CAP, S 100P-50 CH〈K, EE, EEZ〉
C510	87-010-322-080		C-CAP, S 100P-50 CH〈K, EE, EEZ〉
C511	87-010-196-080		C-CAP, S 0.1-25 F〈K, EE, EEZ〉
C512	87-010-196-080		C-CAP, S 0.1-25 F〈K, EE, EEZ〉
C991	87-018-134-080		CAP, TC-U 0.01-16 Y
C992	87-010-197-080		C-CAP, S 0.01-25 B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
CF241	87-008-496-080		CERA LOCK CST2.09MG
L990	87-008-372-080		FLTR, EMI BL 01RN1
VR701	82-NT2-632-010		VOL, MOT50KBX2(M)
WIR201	82-NT2-641-010		F-CABLE, 11-2.0
WIR202	82-NT2-640-010		F-CABLE, 3-2.0

TRAY C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
C801	87-010-197-080		C-CAP, S 0.01-25 B
C802	87-010-197-080		C-CAP, S 0.01-25 B
C803	87-010-197-080		C-CAP, S 0.01-25 B
C804	87-010-197-080		C-CAP, S 0.01-25 B
SW801	87-036-215-080		SW, TACT EVQ21404M
SW802	87-036-215-080		SW, TACT EVQ21404M
SW803	87-036-215-080		SW, TACT EVQ21404M
SW804	87-036-215-080		SW, TACT EVQ21404M
SW805	87-036-215-080		SW, TACT EVQ21404M
SW806	87-036-215-080		SW, TACT EVQ21404M
SW807	87-036-215-080		SW, TACT EVQ21404M
SW808	87-036-215-080		SW, TACT EVQ21404M
SW809	87-036-215-080		SW, TACT EVQ21404M
SW810	87-036-215-080		SW, TACT EVQ21404M
SW811	87-036-215-080		SW, TACT EVQ21404M
SW812	87-036-215-080		SW, TACT EVQ21404M
SW814	87-036-215-080		SW, TACT EVQ21404M
SW815	87-036-215-080		SW, TACT EVQ21404M
SW816	87-036-215-080		SW, TACT EVQ21404M
SW817	87-036-215-080		SW, TACT EVQ21404M
SW818	87-036-215-080		SW, TACT EVQ21404M
SW819	87-036-215-080		SW, TACT EVQ21404M
SW821	87-036-215-080		SW, TACT EVQ21404M
SW822	87-036-215-080		SW, TACT EVQ21404M
SW824	87-036-215-080		SW, TACT EVQ21404M
SW825	87-036-215-080		SW, TACT EVQ21404M
SW826	87-036-215-080		SW, TACT EVQ21404M
SW827	87-036-215-080		SW, TACT EVQ21404M
SW828	87-036-110-010		SW, PUSH SPPB 62
SW829	87-036-110-010		SW, PUSH SPPB 62

MOTOR C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
C401	87-010-263-080		CAP, E 100-10
C402	87-010-263-080		CAP, E 100-10
R401	88-128-220-080		C-RES, 22-1/8W J
R402	88-128-220-080		C-RES, 22-1/8W J

PT-1 C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
⚠	87-033-213-080		CLAMP FUSE SMK〈LH, HE〉
⚠F1	87-035-364-010		FUSE, 1.6A 250V T〈HE〉
⚠F1	87-035-365-010		FUSE, 2A 250V T E〈LH〉
⚠PT1	82-NT2-608-010		PT, 2NT-2 EKZ〈EE, EEZ〉
⚠PT1	82-NT2-606-010		PT, 2NT-2 H〈HE〉
⚠PT1	83-NTD-604-010		PT, 3NT-D K〈K〉
⚠PT1	83-NTD-606-010		PT, 3NT-D LH〈LH〉
⚠PT1	83-NTD-607-010		PT, 3NT-D U〈U〉

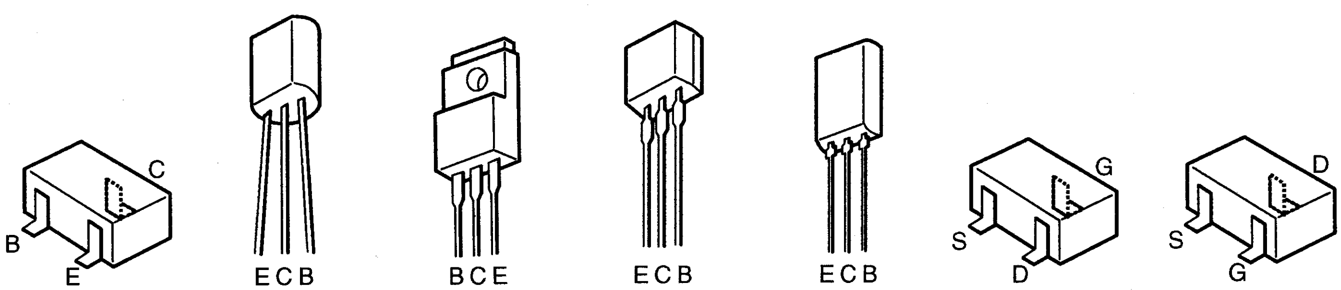
PT-2 C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
R998	87-022-570-080		RES, M/F 0.22-2W J

SW C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
⚠	87-033-213-080		CLAMP FUSE SMK〈LH, HE〉
⚠F901	87-035-364-010		FUSE, 1.6A 250V T〈HE〉
⚠F901	87-035-365-010		FUSE, 2A 250V T E〈LH〉
⚠SW901	87-036-173-010		SW, SL 2-2-4 SDKG〈LH, HE〉

TRANSISTOR ILLUSTRATION



2SA1162, 2SC2712, 2SC2714, 2SC3326, DTA114, DTA143, DTC114, DTC143

2SA1015, 2SA1296, 2SA1318, 2SC1815, 2SC3266, 2SC2001, 2SC3331

2SB1370

2SC1740

2SD2005

2SK209

2SK360

○チップ抵抗部品コード／CHIP RESISTOR PART CODE

チップ抵抗部品コードの成り立ち
Chip Resistor Part Coding

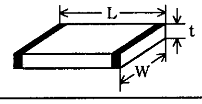
[8][8]-□□□-□□□

A
抵抗部品コード
Resistor Code

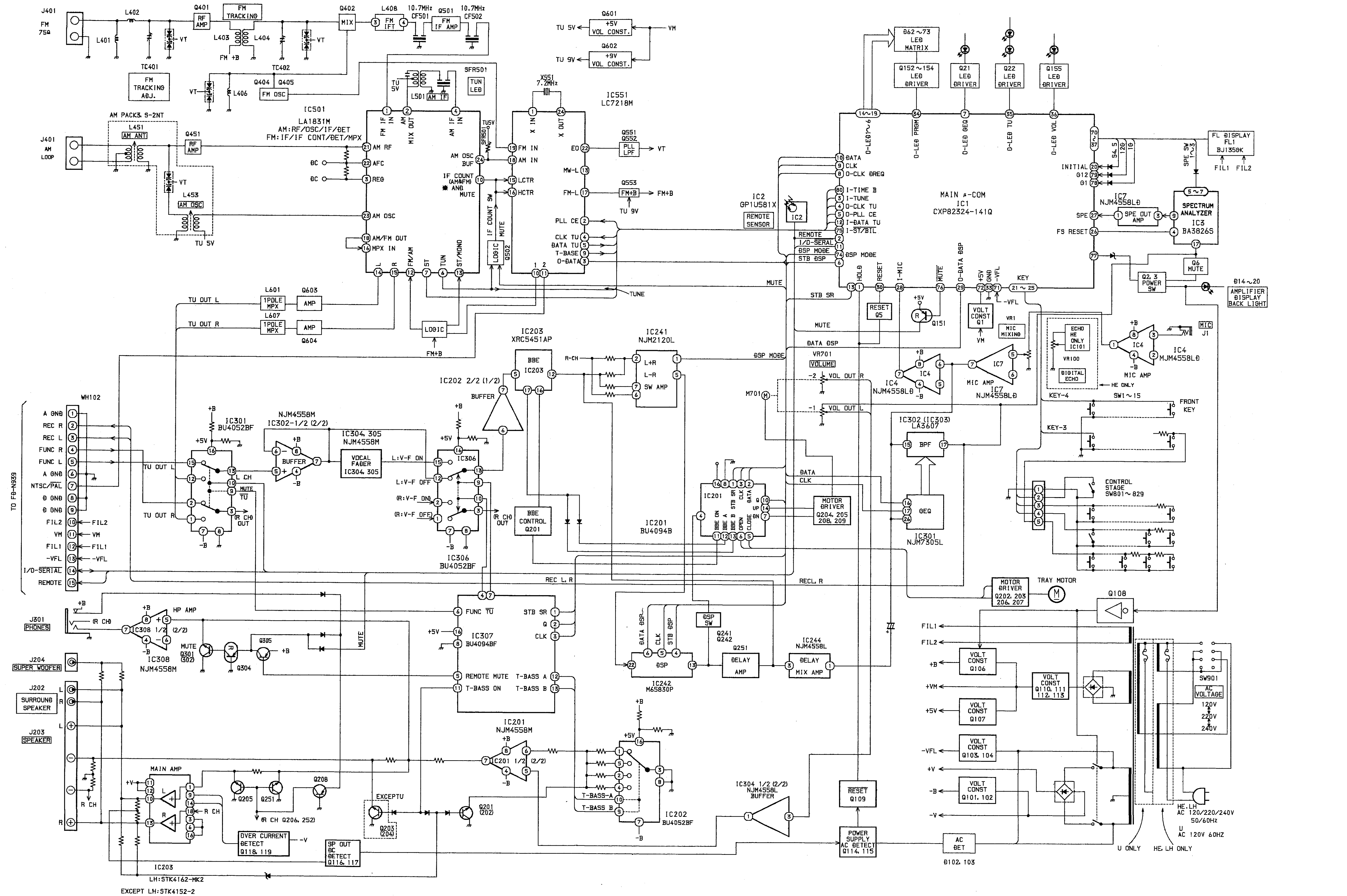
桁表示
Figure

抵抗値
Value of resistor

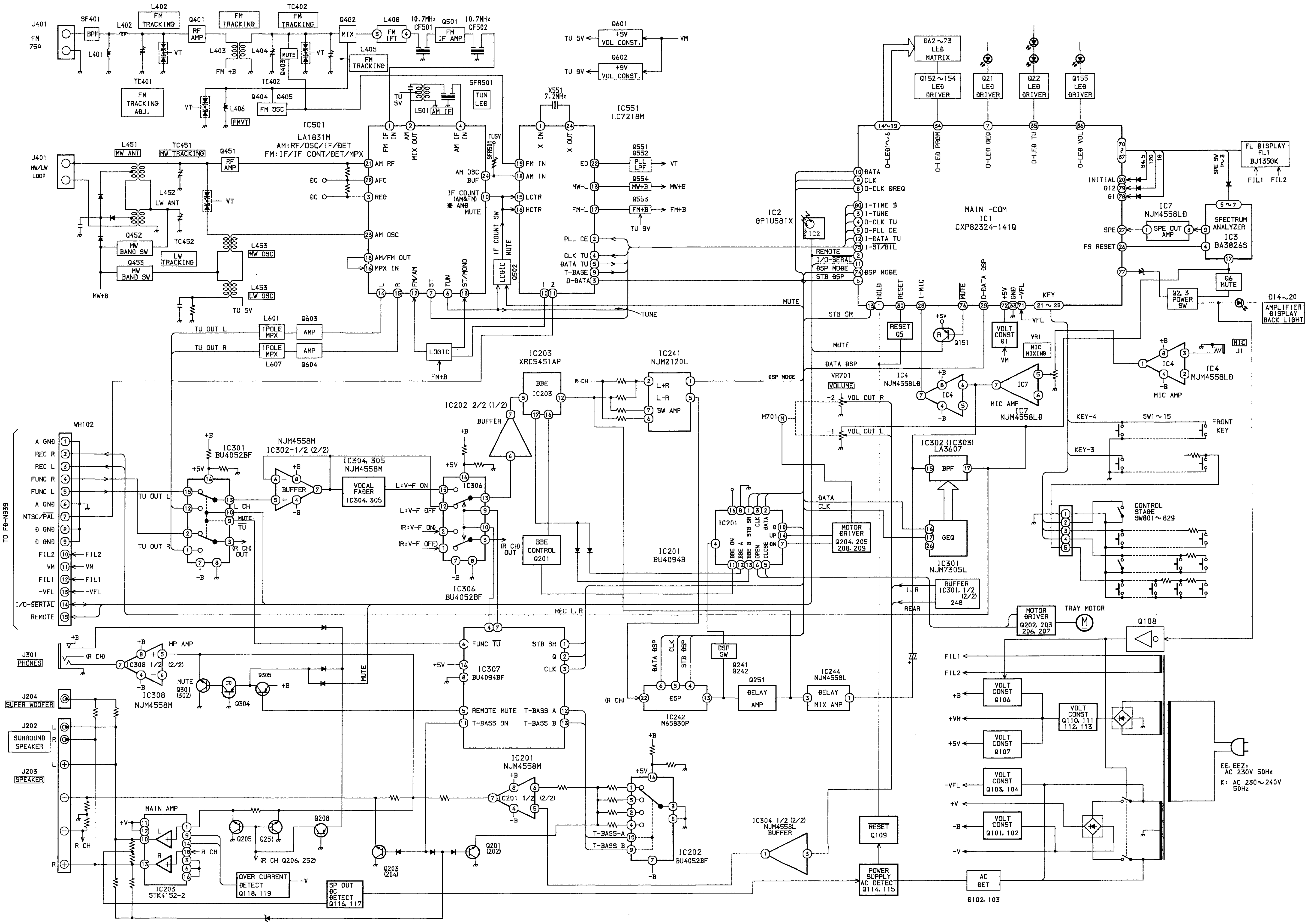
チップ抵抗
Chip resistor

Wattage 容量	Type 種類	Tolerance 許容誤差	Symbol 記号	Dimensions／寸法 (mm)				Resistor Code : A 抵抗コード : A
				Form/外形	L	W	t	
1/32W	1608	±5%	CJ		1.6	0.8	0.35	108
1/10W	2125	±5%	CJ		2	1.25	1.45	118
1/8W	3126	±5%	CJ		3.2	1.6	0.5 ~0.7	128

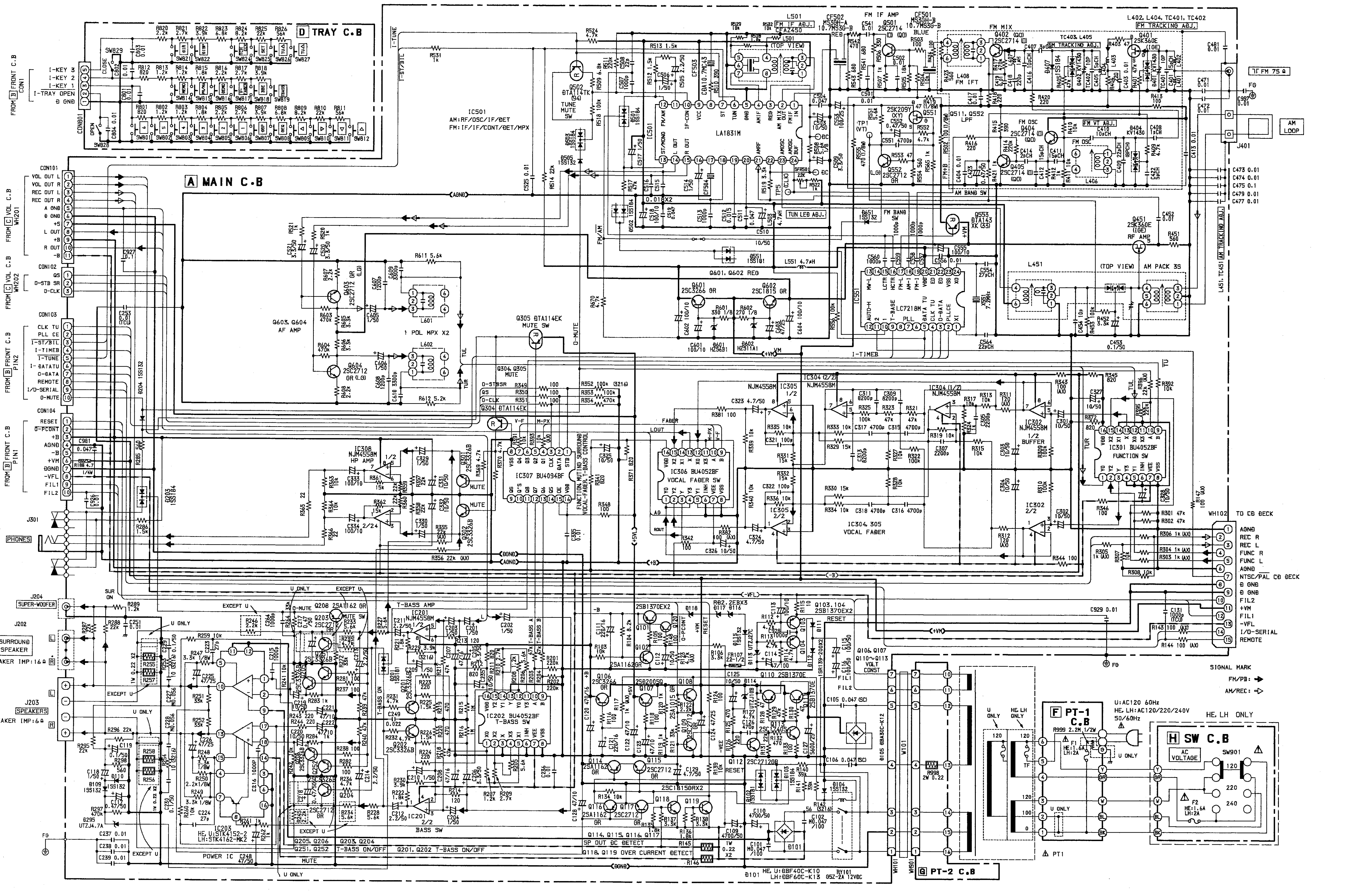
BLOCK DIAGRAM – 1 (LH, HE, U)

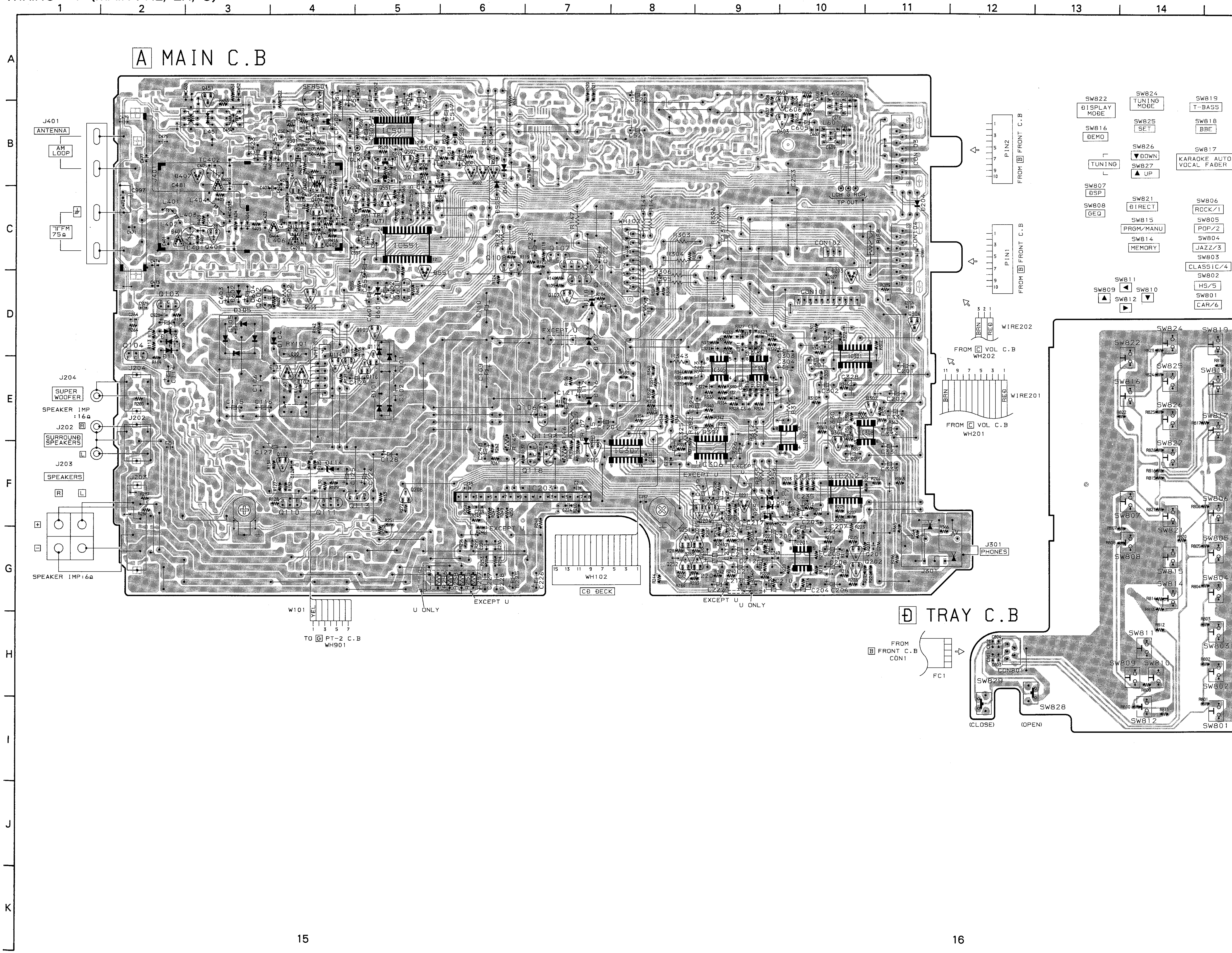


BLOCK DIAGRAM – 2 (EE, K, EEZ)

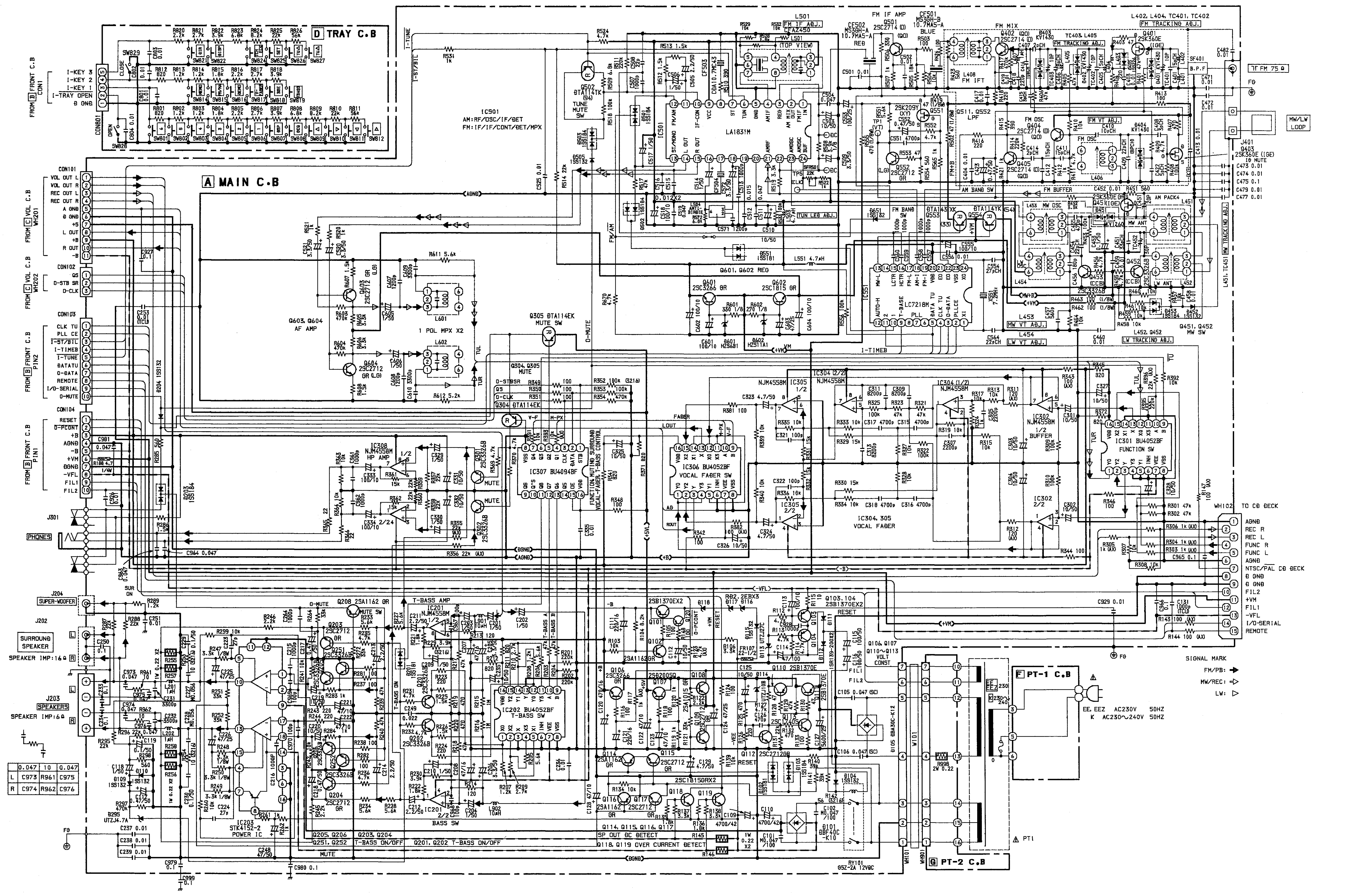


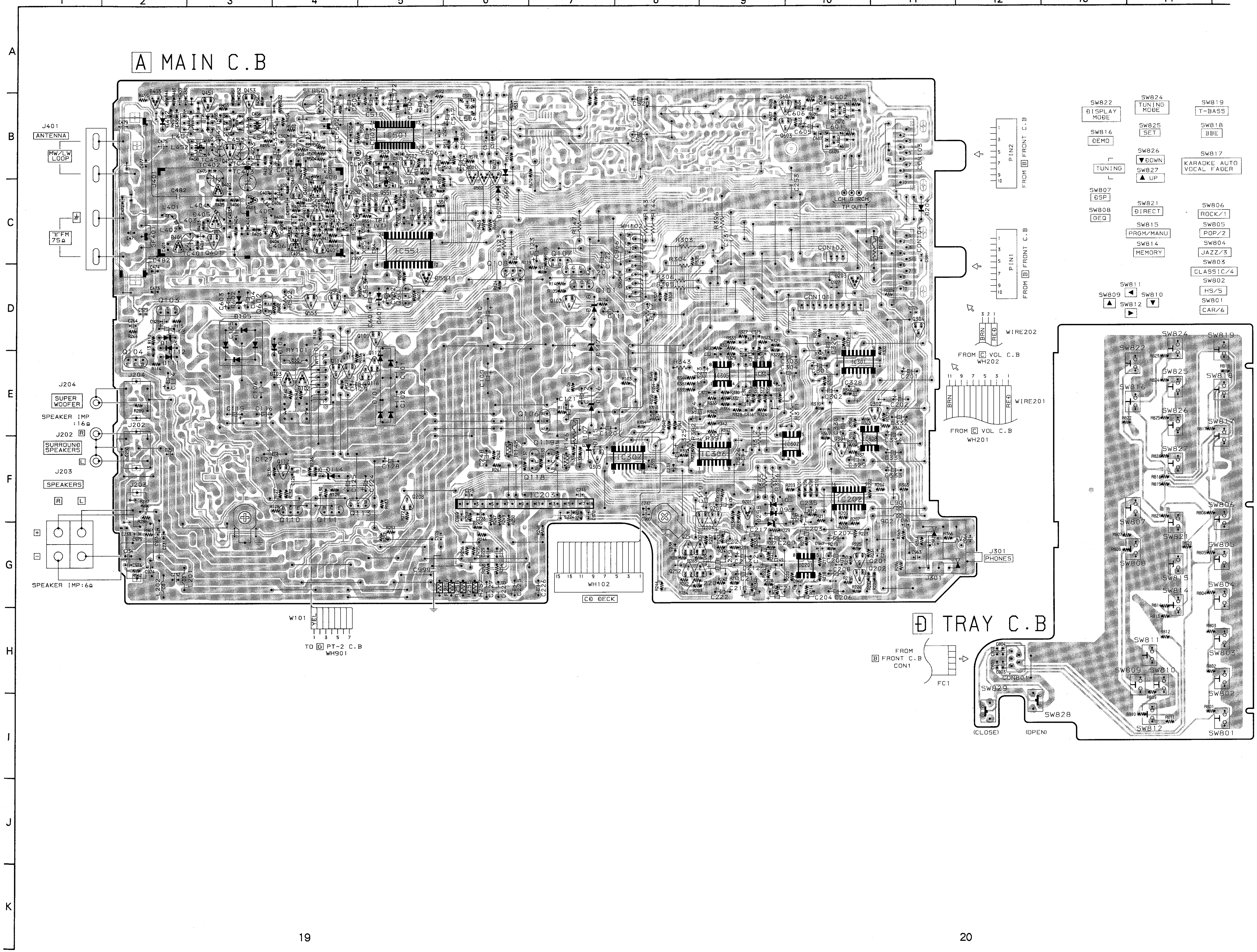
SCHEMATIC DIAGRAM – 1 (MAIN : HE, LH, U)



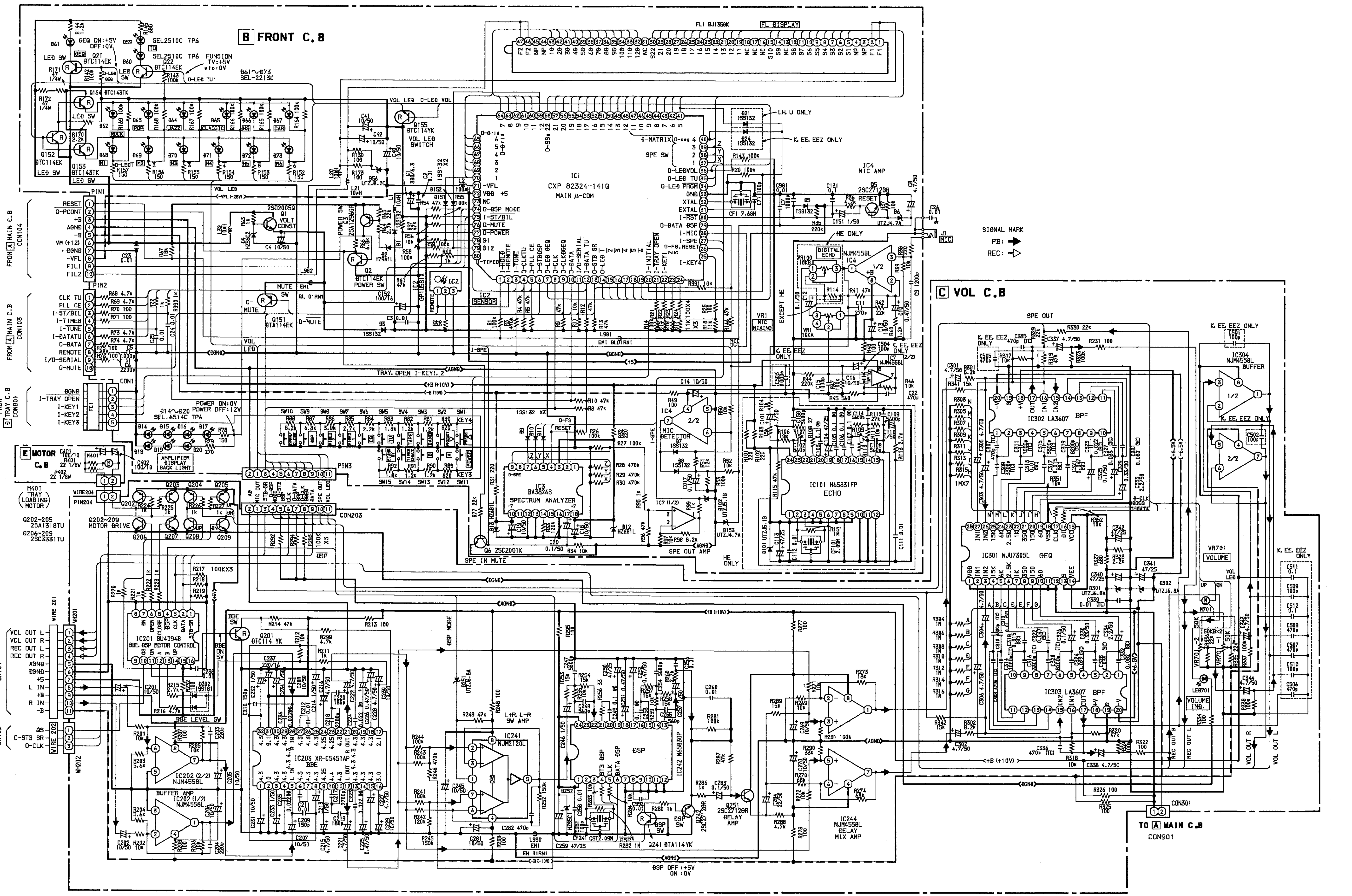

A MAIN C.B
J401
ANTENNA
AM LOOP
FM 75Ω
J204
SUPER WOOFER
SPEAKER IMP :16Ω
J202
SURROUND SPEAKERS
J203
SPEAKERS
SPEAKER IMP:6Ω
W101
TO G PT-2 C.B WH901
U ONLY
EXCEPT U
WH102
CD DECK
J301
PHONES
LCH G RCH TP OUT
PIN2
FROM B FRONT C.B
PIN1
FROM B FRONT C.B
WIRE202
FROM C VOL C.B WH202
WIRE201
FROM C VOL C.B WH201
D TRAY C.B
FROM B FRONT C.B CON1
FC1
SW829
SW828
(CLOSE)
(OPEN)
SW822 DISPLAY MODE
SW824 TUNING MODE
SW819 T-BASS
SW816 DEMO
SW825 SET
SW818 BBE
SW826 ▼DOWN
SW817 KARAOKE AUTO VOCAL FADER
TUNING
SW827 ▲ UP
SW807 DSP
SW821 DIRECT
SW806 ROCK/1
SW808 GEQ
SW815 PRGM/MANU
SW805 POP/2
SW814 MEMORY
SW804 JAZZ/3
SW803 CLASSIC/4
SW802 HS/5
SW811
SW809
SW810
SW812
SW801 CAR/6

SCHEMATIC DIAGRAM – 2 (MAIN : EE, K, EEZ)

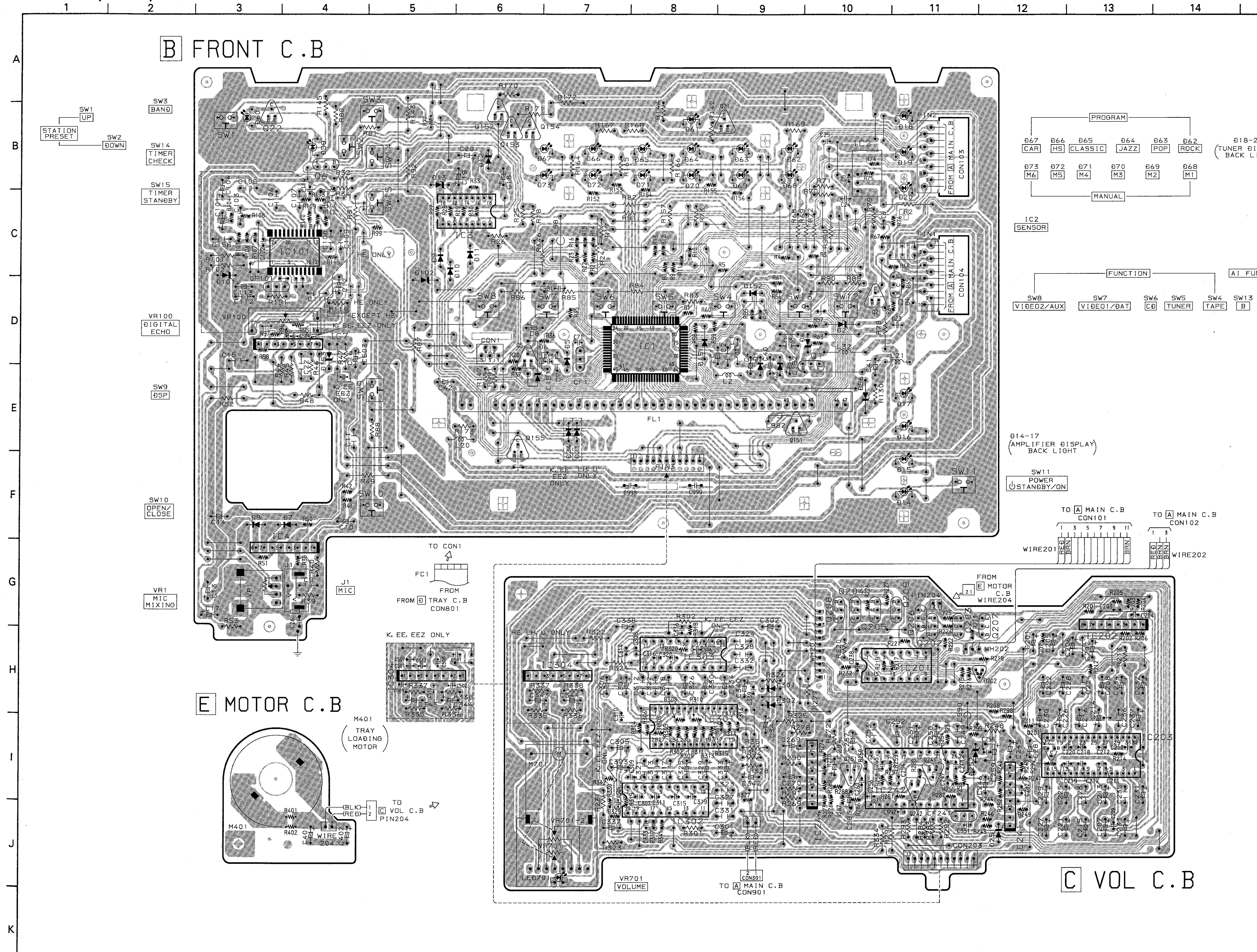


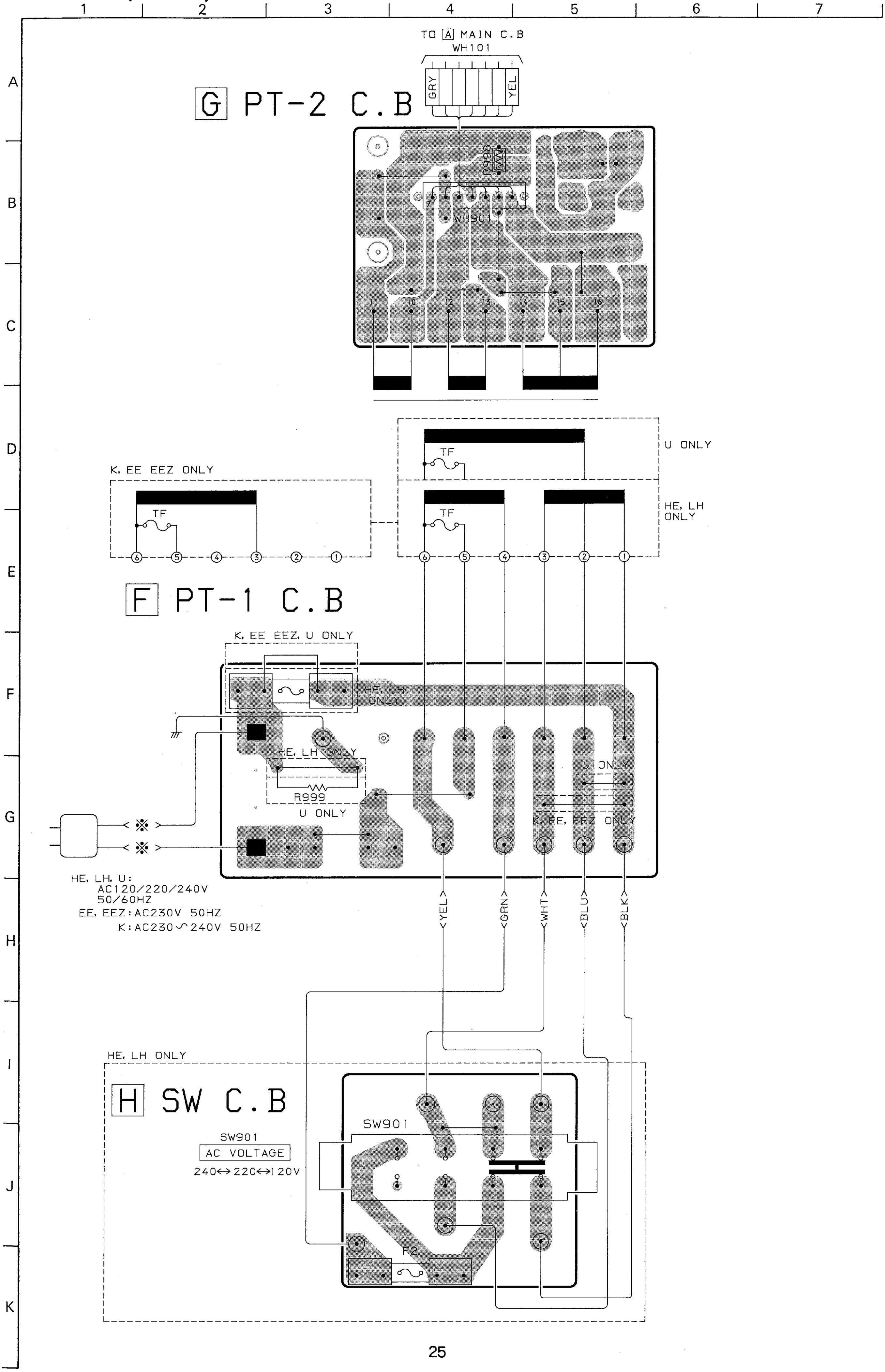

A MAIN C.B
D TRAY C.B
J401 ANTENNA
MW/LW LOOP
FM 75Ω
J204 SUPER WOOFER
SPEAKER IMP :16Ω
J202 SURROUND SPEAKERS
J203 SPEAKERS
SPEAKER IMP:6Ω
J301 PHONES
WH102
CD DECK
W101
TO G PT-2 C.B WH901
FROM B FRONT C.B PIN2
FROM B FRONT C.B PIN1
FROM C VOL C.B WH202
WIRE202
FROM C VOL C.B WH201
WIRE201
FROM B FRONT C.B CON1
FC1
SW822 DISPLAY MODE
SW824 TUNING MODE
SW819 T-BASS
SW816 DEMO
SW825 SET
SW818 BBE
SW826 ▼DOWN
SW817 KARAOKE AUTO VOCAL FADER
TUNING
SW827 ▲ UP
SW807 DSP
SW808 GEQ
SW821 DIRECT
SW806 ROCK/1
SW815 PRGM/MANU
SW805 POP/2
SW814 MEMORY
SW804 JAZZ/3
SW803 CLASSIC/4
SW802 HS/5
SW801 CAR/6
SW811
SW809
SW810
SW812
SW829
SW828
(CLOSE)
(OPEN)

SCHEMATIC DIAGRAM – 3 (FRONT)



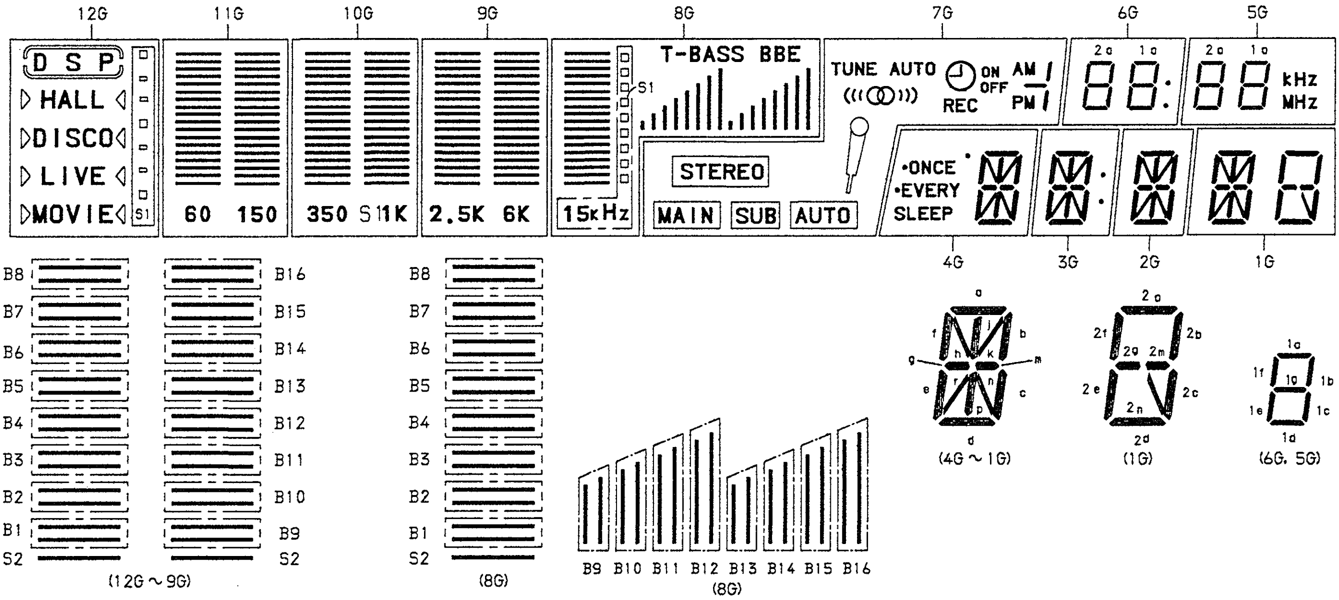
WIRING – 3 (FRONT)




TO A MAIN C.B
WH101
GRY
YEL
G PT-2 C.B
R998
WH901
U ONLY
K, EE EEZ ONLY
TF
HE, LH ONLY
F PT-1 C.B
K, EE EEZ, U ONLY
HE, LH ONLY
R999
U ONLY
K, EE, EEZ ONLY
HE, LH, U: AC120/220/240V 50/60HZ
EE, EEZ: AC230V 50HZ
K: AC230~240V 50HZ
YEL
GRN
WHT
BLU
BLK
HE, LH ONLY
H SW C.B
SW901
AC VOLTAGE
240↔220↔120V
F2

FL (BJ135GK) GRID ASSIGNMENT／ANODE CONNECTION

GRID ASSIGNMENT



ANODE CONNECTION

	12G	11G	10G	9G	8G	7G	6G	5G	4G	3G	2G	1G
S1	▷(MOVIE)◁	B1	B1	B1	B1	(mic)	–	–	**ONCE**	–	–	2g, 2m
S2	**MOVIE**	B2	B2	B2	B2	–	2f	2f	n	n	n	n
S3	▷(LIVE)◁	B3	B3	B3	B3	–	2c	2c	r	r	r	r
S4	**LIVE**	B4	B4	B4	B4	⊂⊃	○(下)	**MHz**	c	c	c	c
S5	▷(DISCO)◁	B5	B5	B5	B5	**PM**	2d	2d	m	m	m	m
S6	**DISCO**	B6	B6	B6	B6	(clock)	1b	1b	b	b	b	b
S7	▷(HALL)◁	B7	B7	B7	B7	**AUTO**	1c	1c	j	j	j	j
S8	**HALL**	B8	B8	B8	B8	((‹ꝏ›))	1d	1d	a	a	a	a
S9	(DSP)	B9	B9	B9	B9	**STEREO**	–	–	○ (ONCE)	–	–	2a
S10	**D S P**	B10	B10	B10	B10	–	2a	2a	d	d	d	d
S11	–	B11	B11	B11	B11	–	2g	2g	p	p	p	p
S12	–	B12	B12	B12	B12	/	○ (上)	**KHz**	e	e	e	e
S13	–	B13	B13	B13	B13	**AM**	2e	2e	g	g	g	g
S14	–	B14	B14	B14	B14	**OFF**	1f	1f	f	f	f	f
S15	–	B15	B15	B15	B15	**REC**	1g	1g	k	k	k	k
S16	–	B16	B16	B16	B16	**TUNE**	1e	1e	h	h	h	h
S17	S1	S1	S1	S1	S1	**MAIN**	–	–	**SLEEP**	–	–	2b
S18	–	S2	S2	S2	S2	**AUTO**	–	–	○(EVERY)	–	–	2n
S19	–	S3	S3	S3	–	**SUB**	–	–	**EVERY**	–	–	2d
S20	–	–	–	–	**T-BASS**	**ON**	1a	1a	○	○ (上)	–	2f
S21	–	–	–	–	**BBE**	–	2b	2b	–	○ (下)	–	2e
S22	–	–	–	–	–	–	–	–	–	–	–	2c

IC DESCRIPTION

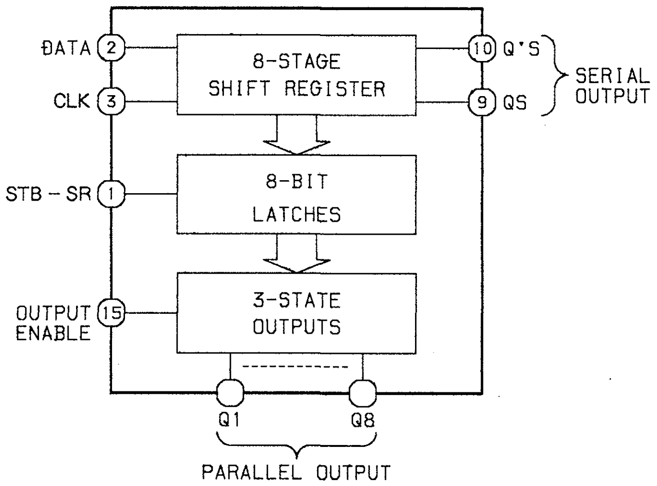
IC, LC7218M

Pin No.	Pin Name	I/O	Description
1	XI	I	Connected to the crystal clock oscillator.
2	PLL CE	I	Input terminal of control data from microcomputer CXP82324-141Q.
3	O-DATA	I	
4	CLK TU	I	
5	DATA TU	O	TUNER DATA OUTPUT.
6	—	—	Not used.
7	—	—	Not used.
8	—	—	Not used.
9	T-BASE	O	Clock time base output.
10	1	O	AUTO/$\overline{\text{MONO}}$ NTSC/$\overline{\text{PAL}}$(except TUNER)
11	2	O	
12	AUTO-H	O	Not used.
13	MW-L	O	Tuner band selection output.
14	—	—	Not used.
15	LCTR	—	AM IF frequency input.
16	HCTR	—	FM IF frequency input.
17	FM-L	O	Tuner band selection output. FM/AM
18	AM-I	I	AM oscillation frequency input.
19	FM-I	I	FM oscillation frequency input.
20	VDD	—	+5V power supply terminal.
21	E0	—	Not used.
22	E0	O	Tuning voltage control output.
23	VSS	—	Connected to GND
24	XO	O	Connected to crystal clock oscillator.

See the NSX – D707 (RX – N707) for the IC Description below.		
	RX – N737	NSX – D707 (RX – N707)
①	IC,CXP82324 – 141Q	IC,CXP82324 – 141Q

IC BLOCK DIAGRAM

IC,BU4094B



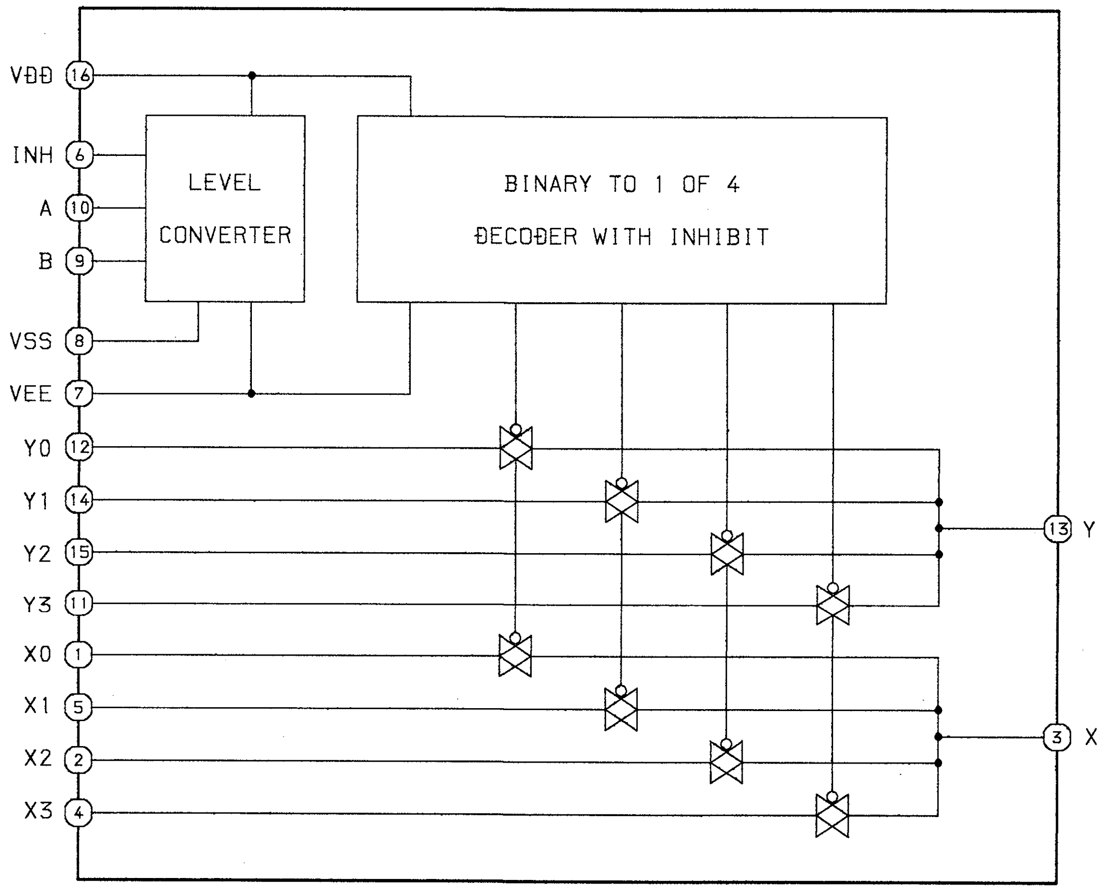
TRUTH TABLE

CLOCK	OUTPUT ENABLE	STROBE	DATA	PARALLEL OUTPUTS		SERIAL OUTPUTS	
				Q1	Qn	QS	Q'S
↑	L	X	X	Z	Z	Q7	NO CHG.
↓	L	X	X	Z	Z	NO CHG.	QS
↑	H	L	X	NO CHG.	NO CHG.	Q7	NO CHG.
↑	H	H	L	L	Qn-1	Q7	NO CHG.
↑	H	H	H	H	Qn-1	Q7	NO CHG.
↓	H	X	X	NO CHG.	NO CHG.	NO CHG.	QS

Z = HIGH IMPEDANCE
X = DON'T CARE

Q1:0.DOLBY ON
Q2:0.DOLBY C
Q3:0.EXT.REC
Q4:0.INT.REC
Q5:0.PLAY
Q6:0.PB2
Q7:0.LED
Q8:0.$\overline{RMT}$

IC,BU4052BF

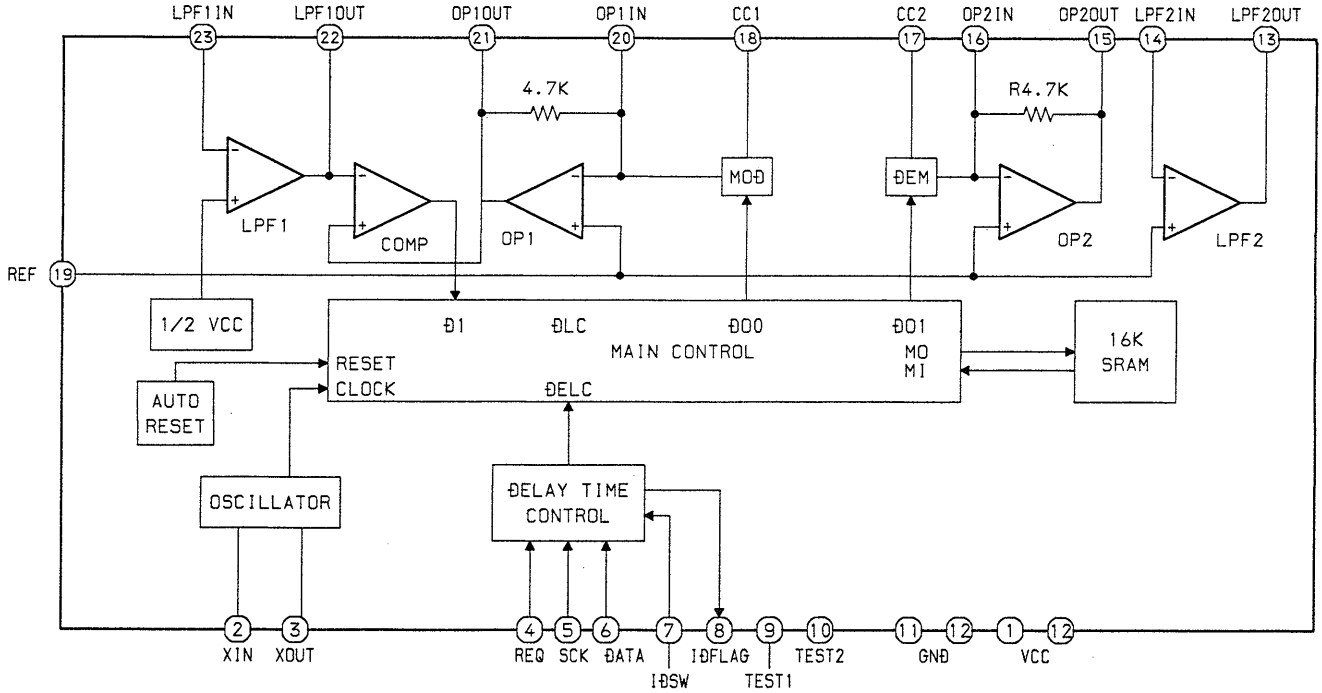


TRUTH TABLE

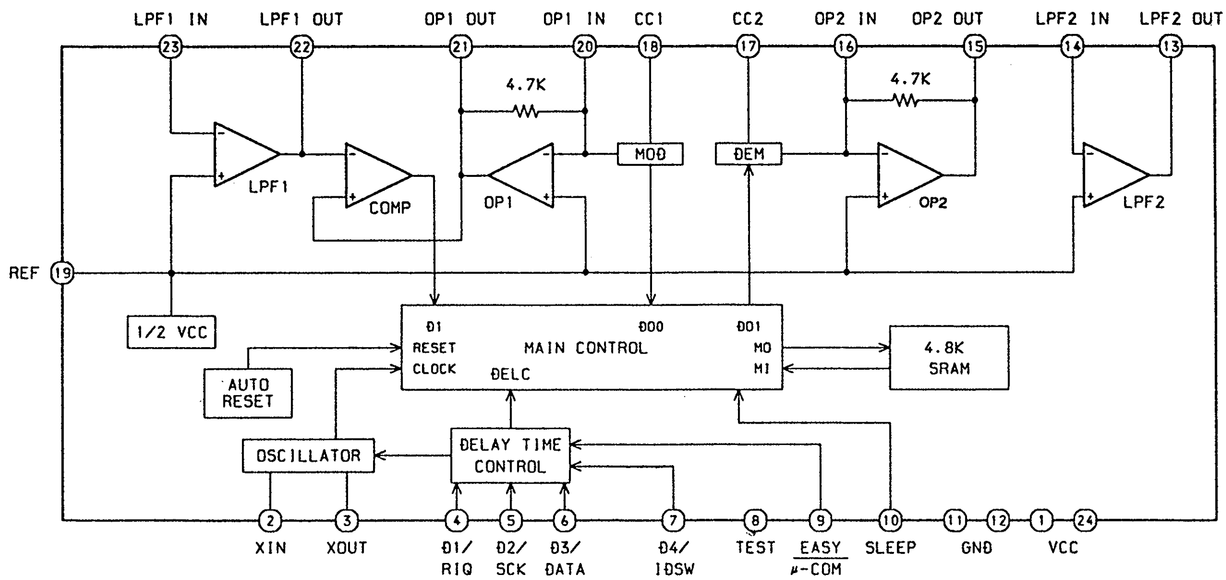
INHIBIT	A	B	ON SWITCH
L	L	L	X0 Y0
L	H	L	X1 Y1
L	L	H	X2 Y2
L	H	H	X3 Y3
H	X	X	NONE

X:DON'T CARE.

IC,M65830AFP

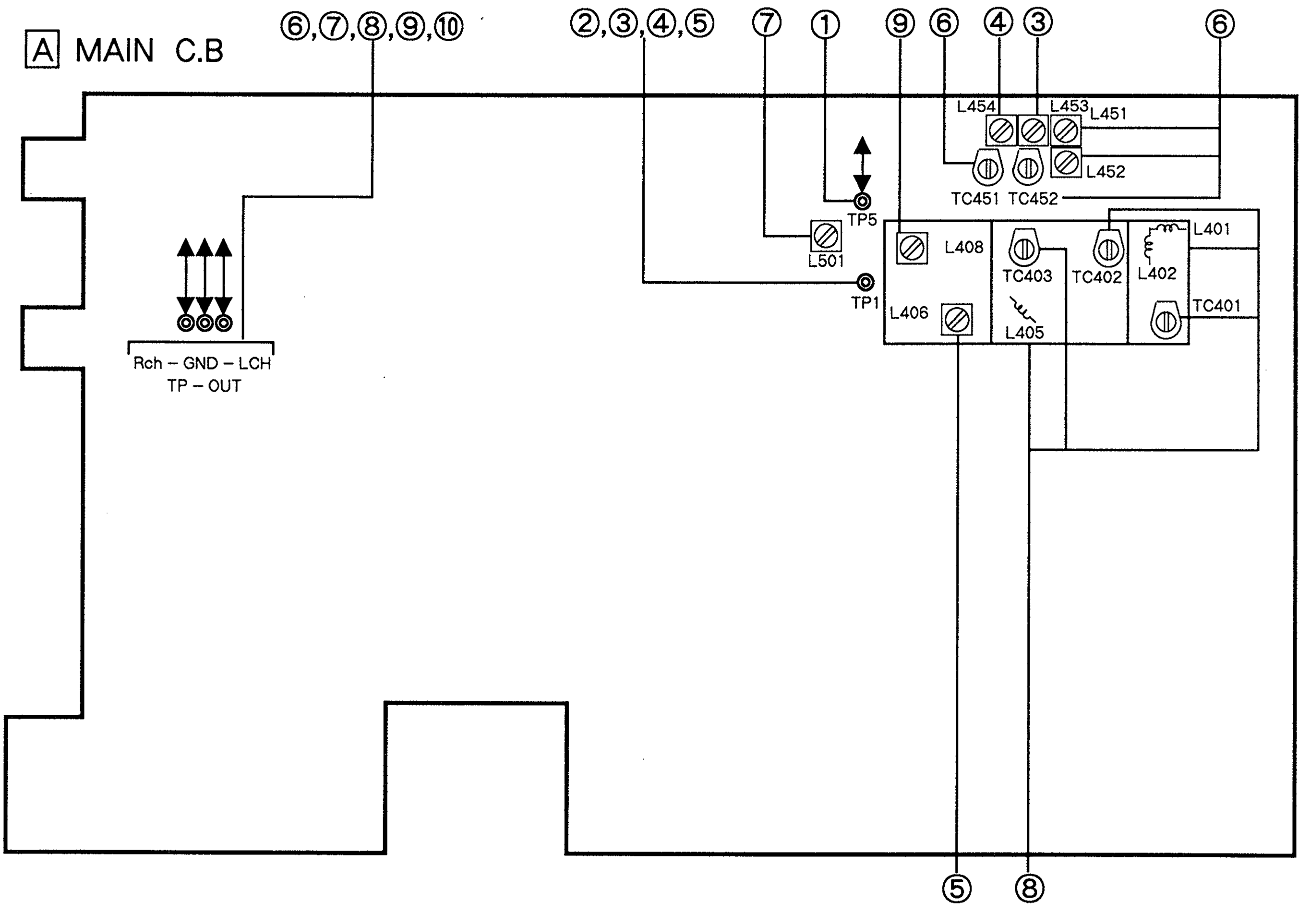


IC,M65831



See the NSX – D707 (RX – N707) for the IC Block Diagram below.		
	RX – N737	NSX – D707 (RX – N707)
①	IC,LA1831M	IC,LA1831M
②	IC,LA3607	IC,LA3607
③	IC,NJU7305L	IC,NJU7305L

ELECTRICAL ADJUSTMENT (TUNER)



〈TUNER SECTION〉

Initialized condition

GEQ VR : OFF
BBE SW : OFF
MIC VR : Minimum
BALANCE : Center
MAIN VR : Variable
DOLBY NR SW : OFF
T – BASS : OFF

1. Clock Check
   Settings : • Test point : TP5
   Method : Set to MW 1602kHz (HE,EE,K,EEZ), 1710kHz (LH,U) and check so that the test point is 2052kHz ± 0.05kHz (HE,EE,K,EEZ), 2160kHz ± 0.05kHz (LH,U).

2. MW VT Check (HE,LH,U ONLY)
   Settings : • Test point : TP1
   Method : Set to MW 531kHz (LH,U),530kHz (HE) and check so that the test point is 1.1V ± 0.2V.

3. MW VT Adjustment (EE,K,EEZ ONLY)
   Settings : • Test point : TP1
   • Adjustment location : L453
   Method : Set to MW 531kHz and adjust L453 so that the test point becomes 1.1V ± 0.05V.

4. LW VT Adjustment (EE,K,EEZ ONLY)
   Settings : • Test point : TP1
   • Adjustment location : L454
   Method : Set to LW 144kHz and adjust L454 so that the test point becomes 1.3V ± 0.05V.

5. FM VT Adjustment
   Settings : • Test point : TP1
   • Adjustment location : L406
   Method : Set to FM 108MHz and adjust L406 so that the test point becomes 9.4V ± 0.05V.

6. MW, LW Tracking Adjustment
   (EE,K,EEZ)
   Settings : • Test point : TP – OUT
   MW
   L451 ······································ 603kHz
   TC451 ···································· 1404kHz
   LW
   L452 ······································ 144kHz
   TC452 ···································· 290kHz
   (HE,LH,U)
   Settings : • Test point : TP – OUT
   • Adjustment location : L451
   Method : Set to MW 1000Hz (LH,U),999kHz (HE) and adjust MAX voltage by L451

7. MW／LW IF Adjustment

Settings : • Test point : TP – OUT

L501 ·· 450kHz

8. FM Tracking Adjustment

Settings : • Test point : TP – OUT

TC401,TC402 ································ 108MHz

TC403 ································ 108MHZ (EEZ)

L401,L402···································· 87.5MHz

L405 ··································87.5MHZ (EEZ)

9. FM IF Adjustment

Settings : • Test point : TP – OUT

L408 ·· 10.7MHz

10. FM Separation Check

Settings : • Test point : TP – OUT

Method : Set to FM 98.0MHz and check the separation at TP – OUT is more than 25dB.

PRACTICAL SERVICE FIGURE (TUNER)

TUNER SECTION

< FM SECTION >

IHF Sensitivity : 4dB ± 4dB (87.5MHz)
14dB ± 4dB (87.5MHz) (EE,K,EEZ model)

(THD 3％) 4dB ± 4dB (98.0MHz)
8dB ± 4dB (98.0MHz) (EE,K,EEZ model)
4dB ± 3dB (108.0MHz)
6dB ± 4dB (108.0MHz) (EE,K,EEZ model)

S／N 50dB Quieting sensitivity :
Less than 36dB
Less than 44dB (EEZ model)
(87.5／90.0／108.0MHz)

Signal to noise ratio : (MONO) More than 72dB
More than 68dB (EEZ model)
(98.0MHz)
(STEREO) More than 64dB
More than 59dB (EEZ model)
(98.0MHz)

Distortion : (MONO) Less than 1.5％ (98.0MHz)
(STEREO) Less than 1.5％ (98.0MHz)

Stereo separation : More than 25dB (98.0MHz) (HE,LH,U model)
More than 15dB (98.0MHz) (EE,K,EEZ model)

Intermediate frequency : 10.7MHz

< AM (MW) SECTION >

Sensitivity : 56dB ± 6dB (600,603kHz)

(S／N 20dB) 53dB ± 5dB (999,1000kHz)
53dB ± 5dB (1400,1404kHz)

Distortion : Less than 1.5％ (999,1000kHz)

Stereo separation : More than 12dB (400Hz)

Intermediate frequency : 450kHz

< LW SECTION > (EE,K,EEZ)

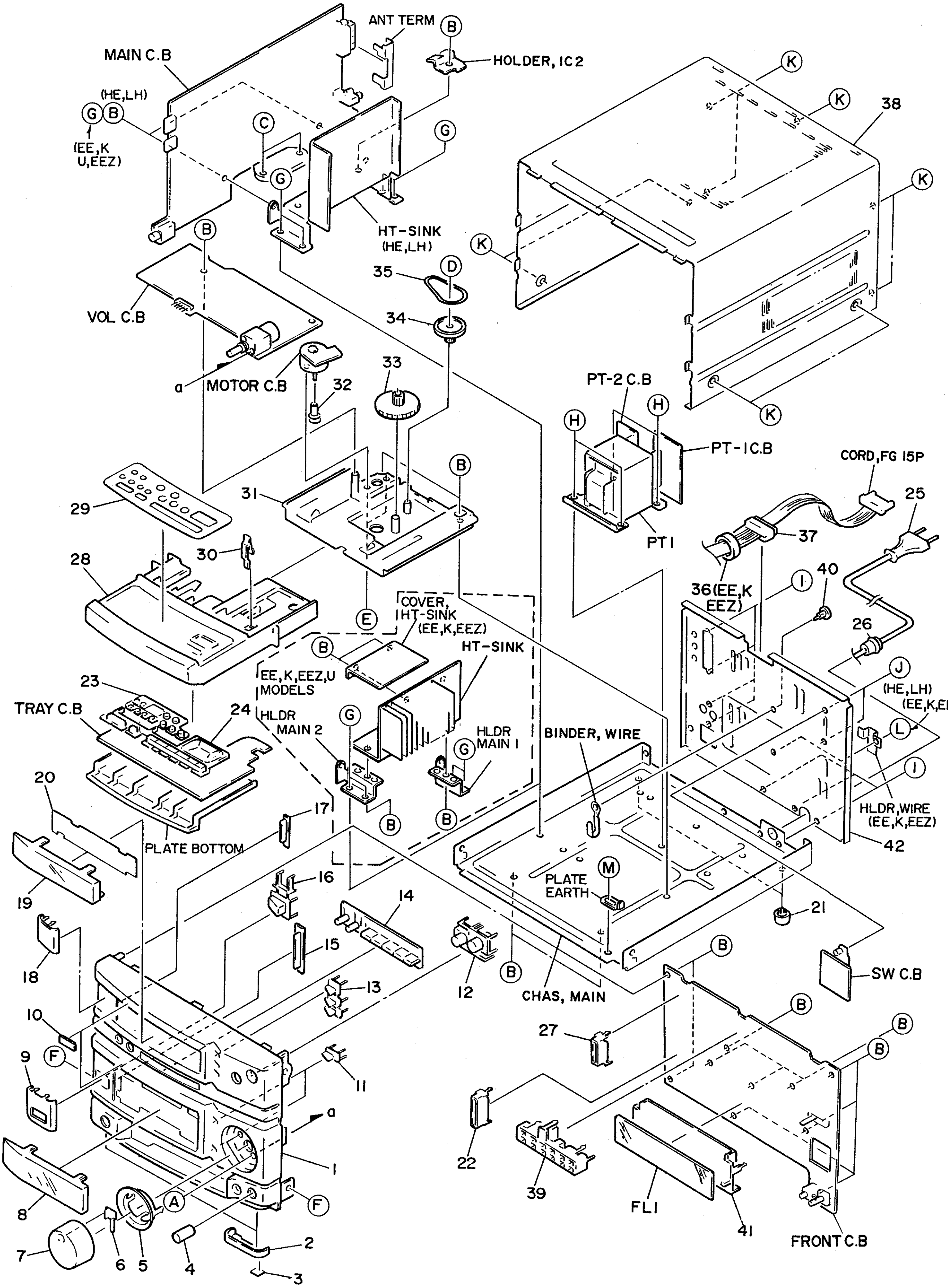
Sensitivity : 65dB ± 5dB (144kHz)

(S／N 20dB) 62dB ± 5dB (198kHz)
60dB ± 5dB (290kHz)

Distortion : Less than 1.5％ (198kHz)

Intermediate frequency : 450kHz

MECHANICAL EXPLODED VIEW 1/1



MECHANICAL PARTS LIST 1/1

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	83-NTD-001-010		CAB, FR〈LH, K, EE, EEZ〉
1	83-NT3-001-010		CAB, FR〈HE〉
1	83-NTD-002-010		CAB, FR (U)〈U〉
2	82-NT1-036-010		RING, FOOT
3	80-VT1-202-010		FELT, 12. 5-15. 5-2
4	80-MT3-014-010		KNOB, MIC
5	82-NT1-030-010		RING, VOL
6	82-NE6-016-010		IND, MAIN(VOL)
7	83-NT3-011-010		KNOB, MAIN
8	82-NT1-028-010		WINDOW, AMP
9	82-NT1-045-010		DUMMY, POWER
10	81-MX4-032-010		BADGE, AIWA N
11	82-NT1-037-010		KEY, DSP
12	82-NT1-018-010		KEY, UP/DOWN
13	82-NT1-019-010		KEY, TU
14	82-NT1-020-010		KEY, FUN
15	82-NT1-026-010		IND, AMP
16	82-NT1-015-010		KEY, POWER
17	82-NT1-027-010		IND, TU
18	82-NT1-017-010		DUMMY
19	82-NT2-016-110		WINDOW, TU 2
20	83-NT3-008-010		PLATE, DISPLAY
21	87-085-213-010		FOOT, H12. 5
22	82-NT1-207-010		GUIDE, LED
23	82-NT2-018-110		KEY, GE 2
24	82-NT2-017-110		KEY, T-BASS 2
⚠ 25	87-050-034-010		AC CORD ASSY, E〈HE, EE, EEZ〉
⚠ 25	87-050-032-010		AC CORD ASSY, K 3P S〈K〉
⚠ 25	87-034-749-010		AC CORD, H W/PLUG〈LH〉
⚠ 25	87-034-584-010		AC CORD, U SPT-2〈U〉
26	87-085-184-010		BUSHING, AC CORD D〈LH〉
26	87-085-185-010		BUSHING, AC CORD E〈HE, K, EE, EEZ〉
26	87-085-189-010		BUSHING, CORD U〈U〉
27	82-NT1-219-010		GUIDE, LED 2
28	83-NTD-005-010		CAB, TRAY (E)〈U, K, EE, EEZ〉
28	83-NTD-004-010		CAB, TRAY (H)〈LH, HE〉
29	83-NTD-014-010		PLATE, TRAY
30	81-MT3-211-010		LEVER, OPEN
31	82-NT1-203-210		HLDR, TRAY
32	89-VW5-206-010		PULLEY MOTOR
33	82-NT1-204-010		GEAR, LOADING
34	82-NT1-205-010		PULLEY, LOADING
35	80-VW1-217-010		BELT, SQ 1. 5
36	87-003-317-010		F-BEAD FOH2515-LG7〈K, EE, EEZ〉
37	89-VT5-202-010		BUSHING, CORD
38	82-NT1-006-010		CAB, STEEL
39	82-NT2-201-010		GUIDE, LED
40	87-084-077-010		NYLON RIVET DIA 3. 5 - 4. 5
41	81-DS2-204-210		GUIDE, FL
42	83-NTD-007-010		PANEL, REAR (HEJBN)〈HE〉
42	83-NTD-020-010		PANEL, REAR(EEBN)〈EE〉
42	83-NTD-019-010		PANEL, REAR(KBN)〈K〉
42	83-NTD-023-010		PANEL, REAR(LHBN)〈LH〉
42	83-NTD-010-010		PANEL, REAR (UBN)〈U〉
42	83-NTD-021-010		PANEL, REAR (EEZBN)〈EEZ〉
A	87-067-703-010		BVT2+3-10(W/O SLOT)
B	87-067-579-010		BVT 2+3-8 W/O SLOT
C	87-067-581-010		BVT2+3-15W/O SLOT
D	87-861-095-410		VFT2+3-8 SLOT
E	87-261-073-410		V+2. 6-6
F	87-591-094-410		QIT+3-6GLD
G	87-067-688-010		BVTT +3-6
H	87-078-019-010		S-SCREW, IT+4-6
I	87-067-660-010		BVT2+3-8W/O SLOT BLK
J	80-VP2-202-010		SPECIAL SCREW VT2BLK〈LH, HE〉
K	87-067-641-010		UTT2+3-8 W/O SLOT BLK
L	87-253-094-410		U+3-6 BLK〈K, EE, EEZ〉
M	87-571-093-410		VIT+3-5

MODEL NO.

FD-N939

サービス時の注意事項

FD-N939は電源回路を搭載しておらず、15ピンフラットケーブルで電源の供給を受け、信号の入出力も行なっています。修理する場合は、RX-N737に接続してください。なお、RX-N737が無い場合は以下の方法で行なってください。(テープダビングはできますが、CD及び外部からの録音はできません。)

[単品修理の方法]

① 各端子に外部電源から以下の電圧を供給する。

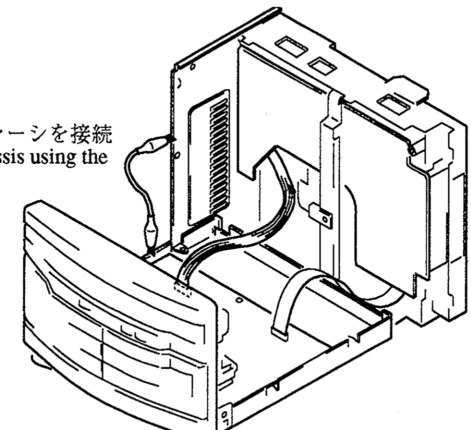
CAUTIONS WHEN SERVICING

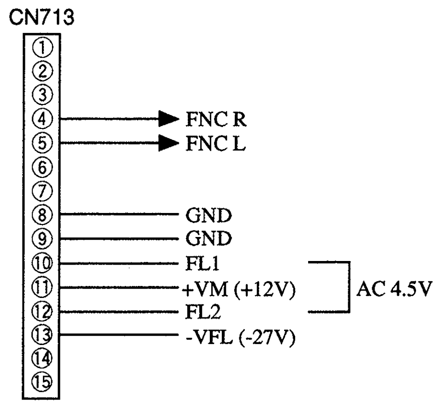
Model FD-N939 do not have a power circuit. These equipment use a 15-pin flat cable to receive the power supply and to output and input signals. When repairing, connect it to RX-N737.
If there is no RX-N737, repair it as follows. (Although it is possible to dub a tape, it is not possible to record from a CD or another external device.)

[Repairing a single machine]

① Supply the following voltage to each terminal from the extermінal power supply.

クリップでシャーシを接続
Connect the chassis using the wire with clips.



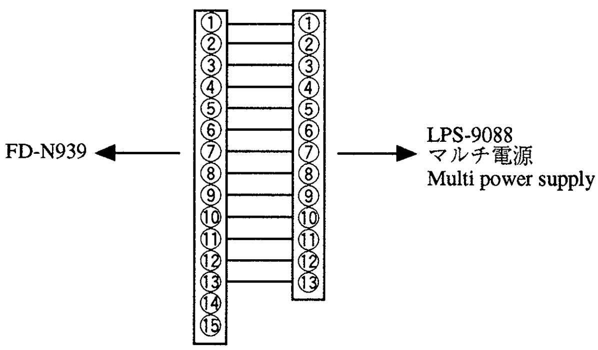


② マルチ電源 (LPS-9088) 使用時の接続図

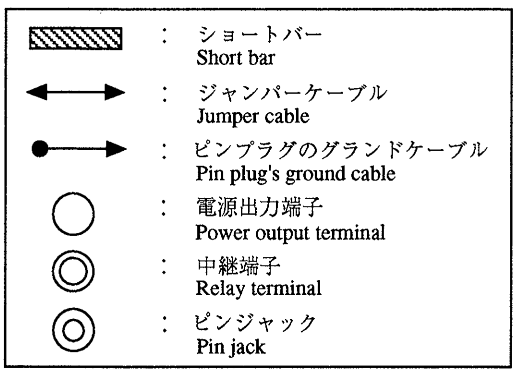
- CORD FG15P (80-MV3-606-010), CONNECTOR ASSY 13P (86-295-607-010) を接続したハーネスをJ1に接続する。

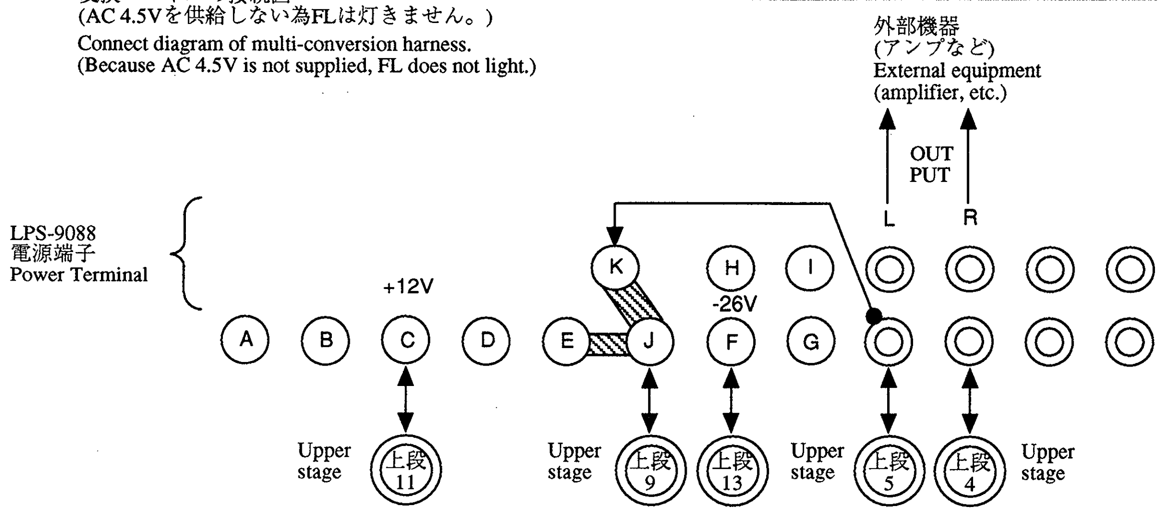
② Multi Power Connection diagram (LPS-9088)

- Connect the harness which is connected to CORD FG 15P (80-MV3-606-010) and CONNECTOR ASSY 13P (86-295-607-010), to J1.



変換ハーネスの接続図
(AC 4.5Vを供給しない為FLは灯きません。)
Connect diagram of multi-conversion harness.
(Because AC 4.5V is not supplied, FL does not light.)





[電源投入方法]

CD PLAY釦を押しながら、DECK STOP釦を押す。

[How to turn on the power]

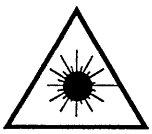
Press the DECK STOP key while holding down the CD PLAY key.

PROTECTION OF EYES FROM LASER BEAM DURING SERVICING

This set employs laser. Therefore, be sure to follow carefully the instructions below when servicing.

WARNING!!

WHEN SERVICING, DO NOT APPROACH THE LASER EXIT WITH THE EYE TOO CLOSELY. IN CASE IT IS NECESSARY TO CONFIRM LASER BEAM EMISSION. BE SURE TO OBSERVE FROM A DISTANCE OF MORE THAN 30cm FROM THE SURFACE OF THE OBJECTIVE LENS ON THE OPTICAL PICK-UP BLOCK.



- Caution: Invisible laser radiation when open and interlocks defeated avoid exposure to beam.
- Advarsel: Usynlig laserståling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

VAROITUS!

Laiteen Käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyt-täjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

VARNING!

Om apparaten används på annat sätt än vad som specificeras i denna bruksanvising, kan användaren utsättas för osynling laserstrålning, som överskrider gränsen för laserklass 1.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

ATTENTION

L'utilisation de commandes, réglages ou procédures autres que ceux spécifiés peut entraîner une dangereuse exposition aux radiations.

ADVARSEL!

Usynlig laserståling ved åbning, når sikkerhedsafbrydereer ude af funktion. Undgå udsættelse for stråling.

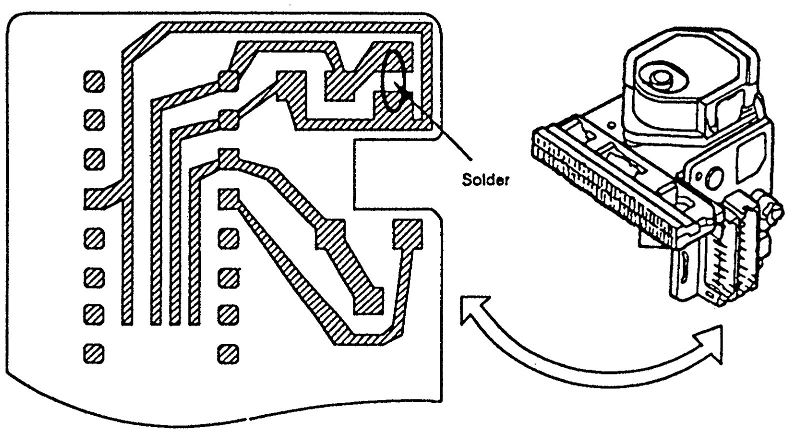
This Compact Disc player is classified as a CLASS 1 LASER product.
The CLASS 1 LASER PRODUCT label is located on the rear exterior.

CLASS 1	LASER PRODUCT
KLASSE 1	LASER PRODUKT
LUOKAN 1	LASER LAITE
KLASS 1	LASER APPARAT

Precaution to replace Optical block (KSS – 210A)

Body or clothes electrostatic potential could ruin laser diode in the optical block. Be sure to ground body and workbench, and use care the clothes do not touch the diode.

1) After the connection, remove the solder shown in the right figure.



○チップ抵抗部品コード／CHIP RESISTOR PART CODE

チップ抵抗部品コードの成り立ち
Chip Resistor Part Coding

8 8 - □ □ □ - □ □ □

A 抵抗部品コード Resistor Code
抵抗値 Value of resistor
桁表示 Figure

チップ抵抗
Chip resistor

Wattage 容量	Type 種類	Tolerance 許容誤差	Symbol 記号	Dimensions／寸法 (mm) Form/外形	L	W	t	Resistor Code : A 抵抗コード : A
1/32W	1608	±5%	CJ		1.6	0.8	0.35	108
1/10W	2125	±5%	CJ		2	1.25	1.45	118
1/8W	3126	±5%	CJ		3.2	1.6	0.5 ~0.7	128

ELECTRICAL MAIN PARTS LIST

> DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
> If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
IC			
	87-020-793-080		IC, CXA-1081M
	87-020-794-110		IC, CXA-1082BQ
	87-001-944-010		IC, CXD-1167Q
	87-017-486-080		IC, BA6397FP
	87-017-194-010		IC, PLT104
	87-001-334-010		IC, LB9051A
	87-017-022-080		IC, NJM2068M-D(T1)
	87-017-822-080		IC, SM5875BM
	87-001-224-080		IC, NJU4066BM
	82-NV1-625-210		IC, UPD78043GF-063
	87-002-394-010		IC, LB1641
	87-001-607-080		IC, NJM4558M
	87-002-967-080		IC, BU4052BF
	87-001-908-010		IC, CXA1332S
	87-002-872-080		IC, MC14053BF
	87-020-730-080		IC, TC4069UBF
	87-002-901-080		IC, BU4094BF
TRANSISTOR			
	87-026-463-010		TR, 2SA933S
	89-109-521-080		TR, 2SA952K
	89-327-125-080		C-TR, 2SC2712GR
	87-026-210-080		C-TR, DTC144EK T147
	87-026-238-080		C-TR, DTC144WK
	89-113-625-080		C-TR, 2SA1362GR(TAPG)
	89-213-702-010		TR, 2SB1370E
	89-333-317-880		TR, 2SC3331TU
	89-320-011-080		TR, 2SC2001K
	89-503-685-080		C-FET, 2SK368GR
	87-026-233-080		C-TR, DTA114TK
	89-333-266-080		C-TR, 2SC3326B
	87-026-608-080		C-TR, DTC123JK
	87-026-228-080		C-TR DTA124EK
	89-318-155-080		TR, 2SC1815GR
DIODE			
	87-020-465-080		DIODE, 1SS133
	87-017-097-080		ZENER, HZS6B1
	87-002-608-080		DIODE, DSF10TC
	87-017-121-080		ZENER, HZS11A1
	87-020-123-080		DIODE, DS446-AT (TA)
	87-001-290-080		ZENER, HZS6B1L
	87-001-559-080		DIODE, ISS131 (T-72)
CD C.B			
C1	87-010-184-080		C-CAP, S 3300P-50 B
C2	87-010-263-080		CAP, E 100-10 SME 5X11
C3	87-010-178-080		C-CAP, S 1000P-50 B
C4	87-010-374-080		CAP, E 47-10
C5	87-010-248-080		CAP, E 220-10 SME
C6	87-010-197-080		C-CAP, S 0.01-25 B
C7	87-010-193-080		C-CAP, S 0.033-25 F
C8	87-010-193-080		C-CAP, S 0.033-25 F
C9	87-010-197-080		C-CAP, S 0.01-25 B
C10	87-010-400-080		CAP, E 0.47-50 SME
C11	87-010-248-080		CAP, E 220-10 SME
C12	87-010-197-080		C-CAP, S 0.01-25 B
C13	87-010-197-080		C-CAP, S 0.01-25 B
C14	87-010-193-080		C-CAP, S 0.033-25 F
C15	87-010-197-080		C-CAP, S 0.01-25 B
C16	87-010-184-080		C-CAP, S 3300P-50 B
C17	87-010-196-080		C-CAP, S 0.1-25 F
C18	87-010-193-080		C-CAP, S 0.033-25 F
C19	87-010-405-080		CAP, E 10-50 SME
C20	87-010-196-080		C-CAP, S 0.1-25 F
C21	87-010-382-080		CAP, E 22-25 SME
C22	87-010-401-080		CAP, E 1-50 SME
C24	87-010-197-080		C-CAP, S 0.01-25 B
C25	87-010-263-080		CAP, E 100-10 SME 5X11
C26	87-010-197-080		C-CAP, S 0.01-25 B
C27	87-010-263-080		CAP, E 100-10 SME 5X11
C28	87-010-197-080		C-CAP, S 0.01-25 B
C29	87-010-404-080		CAP, E 4.7-50 SME
C30	87-010-374-080		CAP, E 47-10
C31	87-010-178-080		C-CAP, S 1000P-50 B
C32	87-010-184-080		C-CAP, S 3300P-50 B
C33	87-010-193-080		C-CAP, S 0.033-25 F
C34	87-010-400-080		CAP, E 0.47-50 SME
C35	87-010-197-080		C-CAP, S 0.01-25 B
C36	87-010-196-080		C-CAP, S 0.1-25 F
C37	87-010-404-080		CAP, E 4.7-50 SME
C38	87-010-263-080		CAP, E 100-10 SME 5X11
C39	87-010-196-080		C-CAP, S 0.1-25 F
C40	87-010-193-080		C-CAP, S 0.033-25 F
C41	87-010-221-080		CAP, E 470-10
C42	87-010-316-080		C-CAP, S 33P-50 CH
C43	87-010-221-080		CAP, E 470-10
C44	87-010-197-080		C-CAP, S 0.01-25 B
C45	87-010-248-080		CAP, E 220-10 SME
C46	87-010-197-080		C-CAP, S 0.01-25 B
C47	87-010-196-080		C-CAP, S 0.1-25 F
C48	87-010-196-080		C-CAP, S 0.1-25 F
C49	87-010-196-080		C-CAP, S 0.1-25 F
C50	87-010-196-080		C-CAP, S 0.1-25 F
C52	87-010-263-080		CAP, E 100-10 SME 5X11
C53	87-010-197-080		C-CAP, S 0.01-25 B
C54	87-010-314-080		C-CAP, S 22P-50 CH
C55	87-010-314-080		C-CAP, S 22P-50 CH
C101	87-010-263-080		CAP, E 100-10 SME 5X11
C102	87-010-196-080		C-CAP, S 0.1-25 F
C103	87-010-221-080		CAP, E 470-10
C104	87-010-196-080		C-CAP, S 0.1-25 F
C105	87-010-196-080		C-CAP, S 0.1-25 F
C106	87-010-316-080		C-CAP, S 33P-50 CH
C107	87-010-316-080		C-CAP, S 33P-50 CH
C108	87-010-197-080		C-CAP, S 0.01-25 B
C109	87-010-178-080		C-CAP, S 1000P-50 B
C110	87-010-178-080		C-CAP, S 1000P-50 B
C111	87-012-140-080		C-CAP, S 470P-50 CH
C112	87-012-140-080		C-CAP, S 470P-50 CH
C115	87-010-405-080		CAP, E 10-50 SME
C116	87-010-405-080		CAP, E 10-50 SME
C117	87-012-157-080		C-CAP, S 330P-50 CH
C118	87-012-157-080		C-CAP, S 330P-50 CH
C125	87-010-196-080		C-CAP, S 0.1-25 F
C201	87-010-263-080		CAP, E 100-10 SME 5X11
C202	87-010-196-080		C-CAP, S 0.1-25 F
C203	87-010-401-080		CAP, E 1-50 SME
C204	87-010-405-080		CAP, E 10-50 SME
C205	87-010-405-080		CAP, E 10-50 SME
C206	87-010-405-080		CAP, E 10-50 SME
C207	87-010-196-080		C-CAP, S 0.1-25 F
C208	87-010-178-080		C-CAP, S 1000P-50 B
C209	87-010-178-080		C-CAP, S 1000P-50 B
C211	87-010-235-080		CAP, E 470-16 SME
C212	87-010-197-080		C-CAP, S 0.01-25 B
C213	87-010-196-080		C-CAP, S 0.1-25 F
C214	87-010-197-080		C-CAP, S 0.01-25 B
C216	87-010-382-080		CAP, E 22-25 SME
C301	87-010-237-080		CAP, E 1000-16
C302	87-010-178-080		C-CAP, S 1000P-50 B
C303	87-010-221-080		CAP, E 470-10
C304	87-010-178-080		C-CAP, S 1000P-50 B
C305	87-010-263-080		CAP, E 100-10 SME 5X11
C306	87-010-075-080		CAP, E 10-16 5L

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
C307	87-010-405-080		CAP, E 10-50 SME
C308	87-010-075-080		CAP, E 10-16 5L
C309	87-010-196-080		C-CAP, S 0.1-25 F
C501	87-010-196-080		C-CAP, S 0.1-25 F
C502	87-010-196-080		C-CAP, S 0.1-25 F
C503	87-010-196-080		C-CAP, S 0.1-25 F
C504	87-010-196-080		C-CAP, S 0.1-25 F
C505	87-010-374-080		CAP, E 47-10
C506	87-010-221-080		CAP, E 470-10
C507	87-010-384-080		CAP, E 100-25 SME
C508	87-010-075-080		CAP, E 10-16 5L
C509	87-010-075-080		CAP, E 10-16 5L
C510	87-010-197-080		C-CAP, S 0.01-25 B
C511	87-012-154-080		C-CAP, S 150P-50 CH
C512	87-012-154-080		C-CAP, S 150P-50 CH
C513	87-010-321-080		C-CAP, S 82P-50 CH
C514	87-010-321-080		C-CAP, S 82P-50 CH
C515	87-012-157-080		C-CAP, S 330P-50 CH
C516	87-012-157-080		C-CAP, S 330P-50 CH
C517	87-010-316-080		C-CAP, S 33P-50 CH
C518	87-010-316-080		C-CAP, S 33P-50 CH
C519	87-010-316-080		C-CAP, S 33P-50 CH
C521	87-010-178-080		C-CAP, S 1000P-50 B
C522	87-010-178-080		C-CAP, S 1000P-50 B
C529	87-012-154-080		C-CAP, S 150P-50 CH
C530	87-012-154-080		C-CAP, S 150P-50 CH
FL601	82-NV1-626-010		FL, 8-ST-15G
J501	81-VP1-634-010		JACK, PIN 3P
J502	81-VP1-634-010		JACK, PIN 3P
J503	81-VP1-635-010		JACK, PIN 3P EARTH
L1	87-003-102-080		COIL, 10UH
L101	87-003-102-080		COIL, 10UH
L201	87-003-102-080		COIL, 10UH
L501	87-008-474-080		F-BEAD, EMI BL02RN1
L502	87-003-102-080		COIL, 10UH
L503	87-003-102-080		COIL, 10UH
L504	87-003-102-080		COIL, 10UH
M401	87-045-305-010		MOT, RF-500TB
R25	87-022-396-080		C-RES, S 3.6K-1/10WF
R33	87-022-214-080		C-RES, S 100K-1/10WF
R34	87-022-214-080		C-RES, S 100K-1/10WF
SFR1	87-024-173-080		SFR, 22K DIA6 V
SFR2	87-024-173-080		SFR, 22K DIA6 V
SFR3	87-024-173-080		SFR, 22K DIA6 V
SFR4	87-024-168-080		SFR, 1K DIA6 V
VR501	81-MX4-636-010		VR, 50KBX2 RK14K12A0
X101	87-030-270-080		VIB, XTAL 16.9344MHZ
X201	87-008-394-080		CF CST 4.19 MGW

DECK C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
C101	87-012-158-080		C-CAP, S 390P-50 CH
C102	87-012-158-080		C-CAP, S 390P-50 CH
C103	87-010-318-080		C-CAP, S 47P-50 CH
C104	87-010-318-080		C-CAP, S 47P-50 CH
C105	87-010-426-080		C-CAP, S 0.012-25 B
C106	87-010-426-080		C-CAP, S 0.012-25 B
C109	87-012-154-080		C-CAP, S 150P-50 CH
C110	87-012-154-080		C-CAP, S 150P-50 CH
C111	87-010-404-080		CAP, E 4.7-50 SME
C112	87-010-404-080		CAP, E 4.7-50 SME
C113	87-010-404-080		CAP, E 4.7-50 SME
C114	87-010-404-080		CAP, E 4.7-50 SME
C115	87-010-101-080		CAP, E 220-16 SME
C116	87-010-197-080		C-CAP, S 0.01-25 B
C117	87-015-819-080		C-CAP 0.01
C201	87-012-158-080		C-CAP, S 390P-50 CH
C202	87-012-158-080		C-CAP, S 390P-50 CH
C203	87-010-318-080		C-CAP, S 47P-50 CH
C204	87-010-318-080		C-CAP, S 47P-50 CH
C205	87-010-426-080		C-CAP, S 0.012-25 B
C206	87-010-426-080		C-CAP, S 0.012-25 B
C207	87-012-156-080		C-CAP, S 220P-50 CH
C208	87-012-156-080		C-CAP, S 220P-50 CH
C211	87-010-404-080		CAP, E 4.7-50 SME
C212	87-010-404-080		CAP, E 4.7-50 SME
C213	87-010-101-080		CAP, E 220-16 SME
C214	87-010-197-080		C-CAP, S 0.01-25 B
C215	87-010-197-080		C-CAP, S 0.01-25 B
C216	87-018-209-080		CAP, TC-U 0.1-50 F〈Y〉
C217	87-018-209-080		CAP, TC-U 0.1-50 F〈Y〉
C301	87-010-322-080		C-CAP, S 100P-50 CH
C302	87-010-322-080		C-CAP, S 100P-50 CH
C303	87-010-183-080		C-CAP, S 2700P-50 B
C304	87-010-183-080		C-CAP, S 2700P-50 B
C305	87-010-404-080		CAP, E 4.7-50 SME
C306	87-010-404-080		CAP, E 4.7-50 SME
C323	87-012-157-080		C-CAP, S 330P-50 CH
C324	87-012-157-080		C-CAP, S 330P-50 CH
C401	87-012-156-080		C-CAP, S 220P-50 CH
C402	87-012-156-080		C-CAP, S 220P-50 CH
C403	87-014-071-080		CAP, PP 3900P-100 J
C405	87-010-263-080		CAP, E 100-10 SME 5X11
C409	87-010-402-080		CAP, E 2.2-50 SME
C410	87-010-405-080		CAP, E 10-50 SME
C451	87-010-178-080		C-CAP, S 1000P-50 B
C453	87-010-322-080		C-CAP, S 100P-50 CH
C454	87-010-322-080		C-CAP, S 100P-50 CH
C455	87-010-197-080		C-CAP, S 0.01-25 B
C456	87-010-197-080		C-CAP, S 0.01-25 B
C501	87-012-158-080		C-CAP, S 390P-50 CH
C502	87-012-158-080		C-CAP, S 390P-50 CH
C503	87-010-182-080		C-CAP, S 2200P-50 B
C504	87-010-182-080		C-CAP, S 2200P-50 B
C505	87-010-404-080		CAP, E 4.7-50 SME
C506	87-010-404-080		CAP, E 4.7-50 SME
C507	87-010-182-080		C-CAP, S 2200P-50 B
C508	87-010-182-080		C-CAP, S 2200P-50 B
C509	87-010-182-080		C-CAP, S 2200P-50 B
C510	87-010-182-080		C-CAP, S 2200P-50 B
C511	87-010-825-080		CAP, E 0.56/50V, SME
C512	87-010-825-080		CAP, E 0.56/50V, SME
C513	87-010-546-080		CAP, E 0.33-50 SME
C514	87-010-546-080		CAP, E 0.33-50 SME
C515	87-010-404-080		CAP, E 4.7-50 SME
C516	87-010-404-080		CAP, E 4.7-50 SME
C517	87-010-371-080		CAP, E 470-6.3
C518	87-010-101-080		CAP, E 220-16 SME
C519	87-010-404-080		CAP, E 4.7-50 SME
C520	87-010-404-080		CAP, E 4.7-50 SME
C521	87-010-179-080		C-CAP, S 1200P-50 B
C522	87-010-179-080		C-CAP, S 1200P-50 B
C523	87-010-382-080		CAP, E 22-25 SME
C601	87-010-178-080		C-CAP, S 1000P-50 B
C602	87-010-186-080		C-CAP, S 4700P-50 B
C603	87-010-149-080		C-CAP, S 5P-50 CH
C604	87-010-182-080		C-CAP, S 2200P-50 B
C605	87-010-149-080		C-CAP, S 5P-50 CH
C606	87-012-154-080		C-CAP, S 150P-50 CH
C607	87-010-400-080		CAP, E 0.47-50 SME
C608	87-010-382-080		CAP, E 22-25 SME
C609	87-010-374-080		CAP, E 47-10
C801	87-010-404-080		CAP, E 4.7-50 SME
C802	87-010-381-080		CAP, E 330-16 SME
C803	87-010-101-080		CAP, E 220-16 SME
C804	87-010-237-080		CAP, E 1000-16
C805	87-010-198-080		C-CAP, S 0.022-25 B
C902	87-010-405-080		CAP, E 10-50 SME
L301	87-005-525-080		COIL, 22MH-J
L302	87-005-525-080		COIL, 22MH-J

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
L303	87-003-131-080		COIL, 10MH J
L304	87-003-131-080		COIL, 10MH J
L305	87-003-123-080		COIL, 2.2MH J
L306	87-003-123-080		COIL, 2.2MH J
L401	80-VW1-605-110		COIL, OSC BIAS 108K
L801	87-005-474-080		COIL, 12UH J FLR50
R913	87-025-470-080		RES, NF3.3-1/4W J
SFR101	87-024-349-080		SFR, 1K DIA6 H
SFR102	87-024-349-080		SFR, 1K DIA6 H
SFR201	87-024-349-080		SFR, 1K DIA6 H
SFR202	87-024-349-080		SFR, 1K DIA6 H
SFR301	87-024-352-080		SFR, 4.7K DIA6 H
SFR302	87-024-352-080		SFR, 4.7K DIA6 H
SFR401	87-024-356-080		SFR, 47K DIA6 H
SFR402	87-024-356-080		SFR, 47K DIA6 H

KEY-1 C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
D601	87-001-123-080		LED, SLZ 981C-02TI
D602	87-017-369-080		LED, SEL2510C TP-6
D603	87-017-369-080		LED, SEL2510C TP-6
D604	87-017-369-080		LED, SEL2510C TP-6
D605	87-017-369-080		LED, SEL2510C TP-6
D606	87-017-369-080		LED, SEL2510C TP-6
D607	87-017-369-080		LED, SEL2510C TP-6
SW501	87-036-215-080		SW, TACT EVQ21404M
SW502	87-036-215-080		SW, TACT EVQ21404M
SW503	87-036-215-080		SW, TACT EVQ21404M
SW504	87-036-215-080		SW, TACT EVQ21404M
SW505	87-036-215-080		SW, TACT EVQ21404M
SW506	87-036-215-080		SW, TACT EVQ21404M
SW507	87-036-215-080		SW, TACT EVQ21404M
SW508	87-036-215-080		SW, TACT EVQ21404M
SW509	87-036-215-080		SW, TACT EVQ21404M
SW510	87-036-215-080		SW, TACT EVQ21404M
SW511	87-036-215-080		SW, TACT EVQ21404M

DECK-1 C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
SOL1	82-ZM1-618-010		SOL ASSY, 27
SW4	87-036-110-010		SW, PUSH SPPB 62
SW5	87-036-110-010		SW, PUSH SPPB 62
SW6	87-036-110-010		SW, PUSH SPPB 62

DECK-2 C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
SFR1	87-024-170-080		SFR, 3.3K DIA 6V
SOL1	82-ZM1-618-010		SOL ASSY, 27
SW1	87-036-110-010		SW, PUSH SPBB 62
SW2	87-036-110-010		SW, PUSH SPBB 62
SW3	87-036-110-010		SW, PUSH SPBB 62
SW4	87-036-110-010		SW, PUSH SPBB 62
SW5	87-036-110-010		SW, PUSH SPBB 62

RELAY-1 C.B

RELAY-2 C.B

KEY-2 C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
D608	87-017-369-080		LED, SEL2510C TP-6
D609	87-017-369-080		LED, SEL2510C TP-6
D610	87-017-369-080		LED, SEL2510C TP-6
D611	87-017-369-080		LED, SEL2510C TP-6
SW512	87-036-215-080		SW, TACT EVQ21404M
SW513	87-036-215-080		SW, TACT EVQ21404M
SW514	87-036-215-080		SW, TACT EVQ21404M
SW515	87-036-215-080		SW, TACT EVQ21404M
SW516	87-036-215-080		SW, TACT EVQ21404M
SW517	87-036-215-080		SW, TACT EVQ21404M

KEY-3 C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
SW518	87-036-215-080		SW, TACT EVQ21404M
SW519	87-036-215-080		SW, TACT EVQ21404M
SW520	87-036-215-080		SW, TACT EVQ21404M
SW521	87-036-215-080		SW, TACT EVQ21404M
SW522	87-036-215-080		SW, TACT EVQ21404M

LED-1 C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
D615	87-017-369-080		LED, SEL2510C TP-6
D616	87-017-369-080		LED, SEL2510C TP-6

LED-2 C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
D617	87-017-369-080		LED, SEL2510C TP-6
D618	87-017-369-080		LED, SEL2510C TP-6

LED-3 C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
D612	87-017-369-080		LED, SEL2510C TP-6
D613	87-017-369-080		LED, SEL2510C TP-6
D614	87-017-369-080		LED, SEL2510C TP-6
D619	87-020-109-010		LED, SLF-201C
D620	87-020-109-010		LED, SLF-201C

MOTOR C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
M701	9X-262-513-210		SLED MOTOR ASSY
M702	9X-262-513-210		SLED MOTOR ASSY
PIN703	91-564-722-110		CONNCTOR 6P
SW701	91-572-085-110		LEAF SW

D-MO C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
C215	87-010-196-080		C-CAP, S 0.1-25 F
M402	87-045-305-010		MOT, RF-500TB

PHOTO C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
PH401	87-026-573-010		P-SNSR GP1S53V (*)

SW-CL C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
SW403	87-036-109-010		SW, PUSH SPPB 61

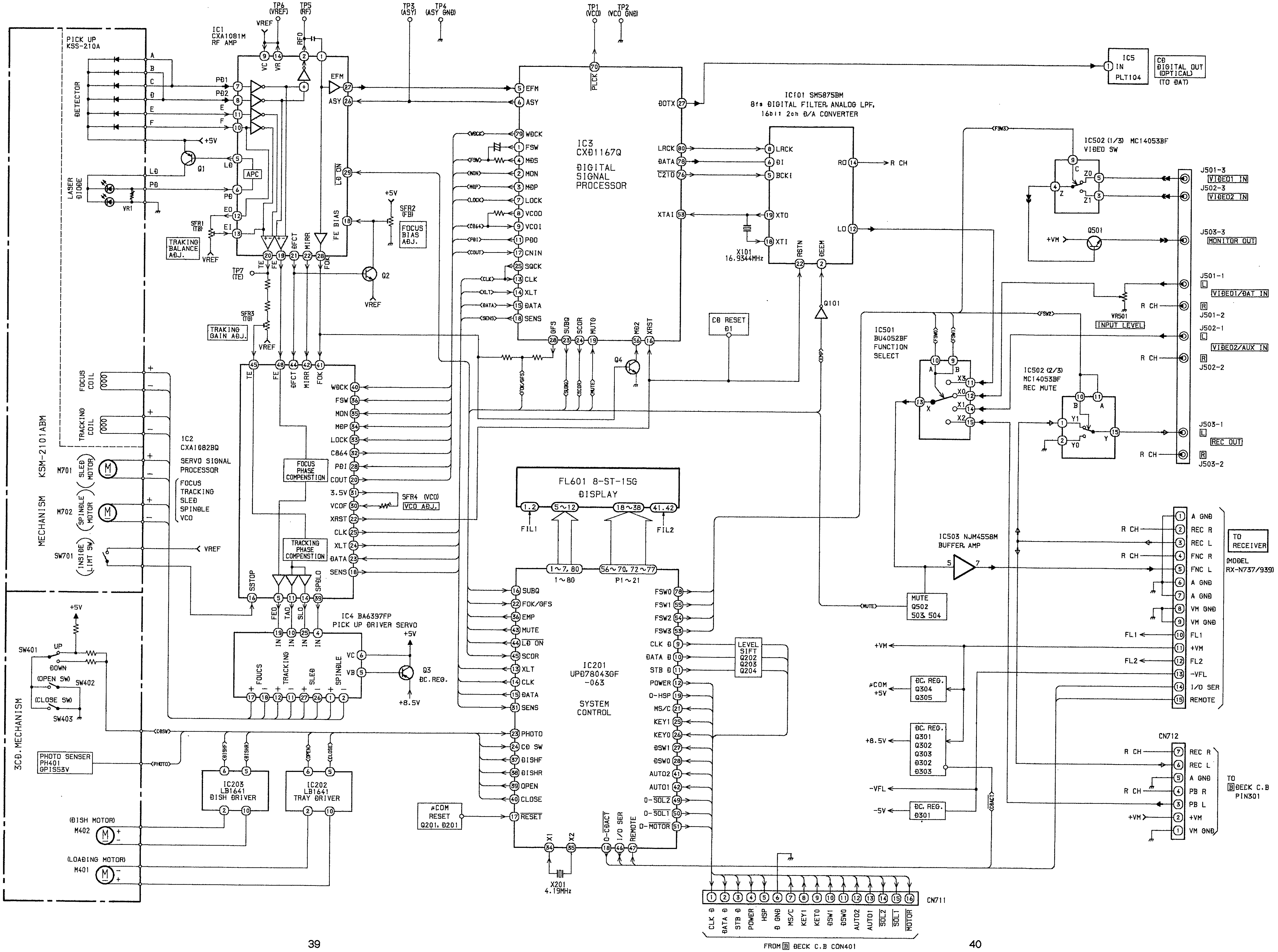
SW U/D C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
SW401	87-036-271-010		SW, LVR 1-2-2 (*)

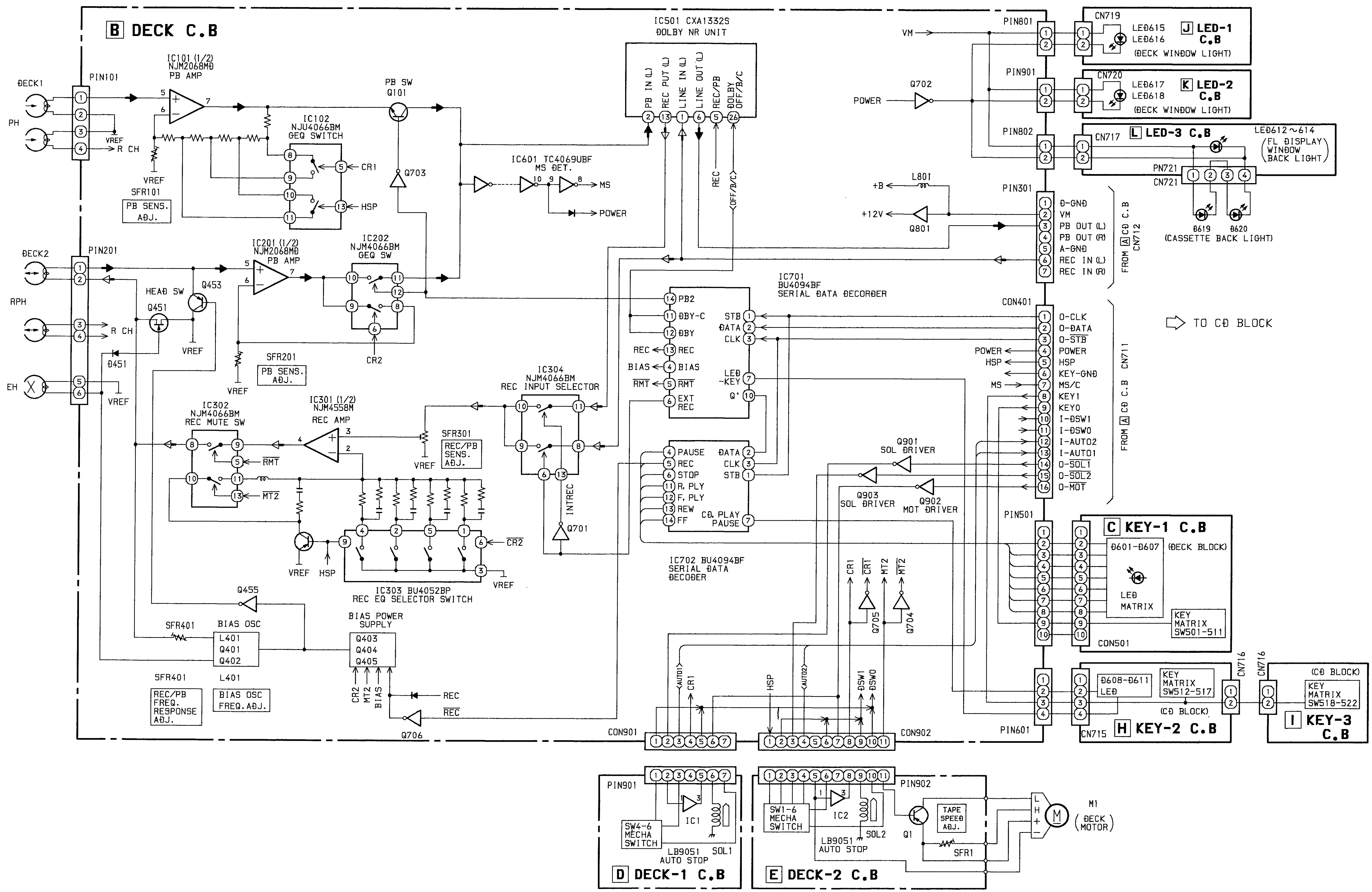
SW OP C.B

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
SW402	87-036-271-010		SW, LVR 1-2-2 (*)

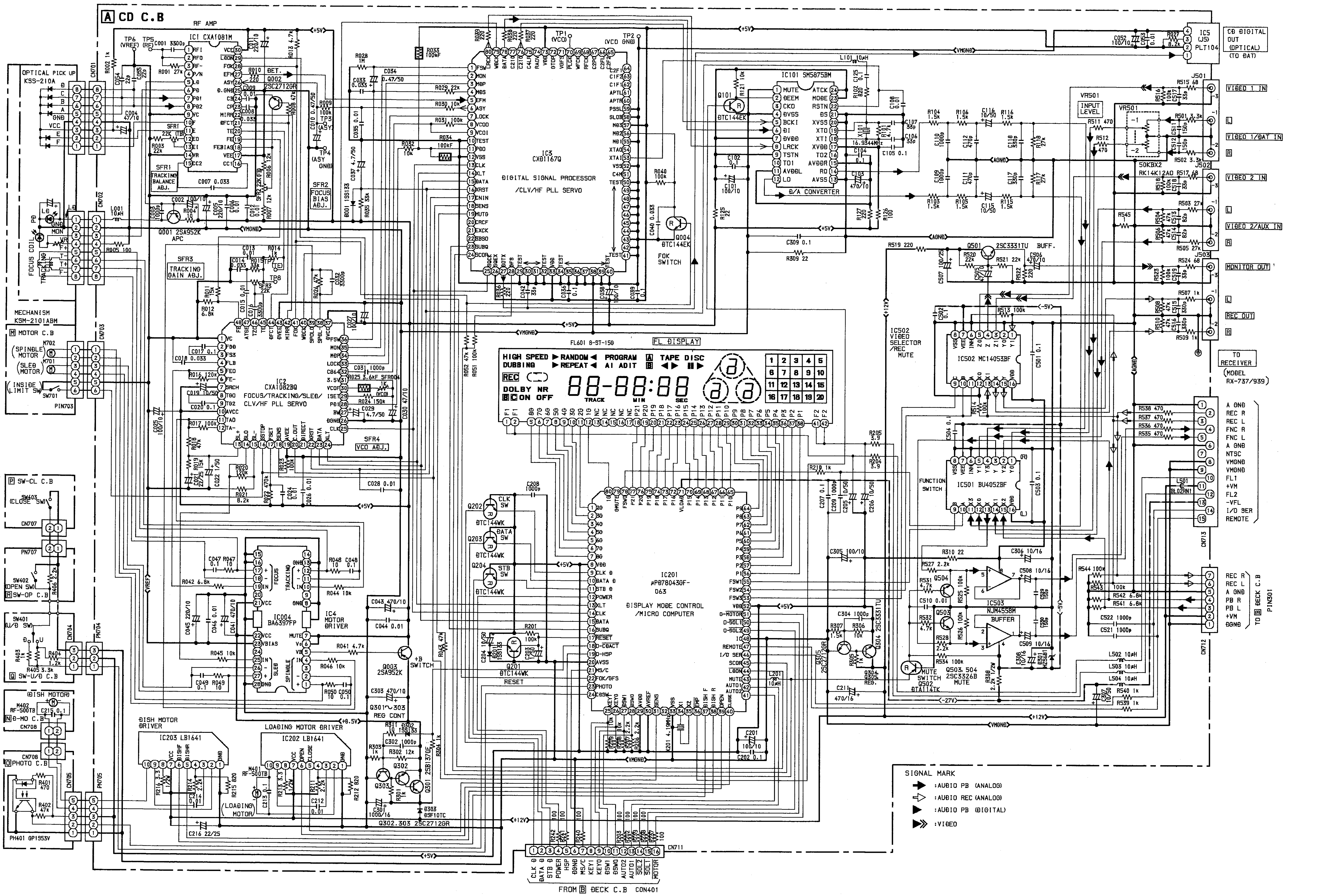
BLOCK DIAGRAM – 1 (CD)

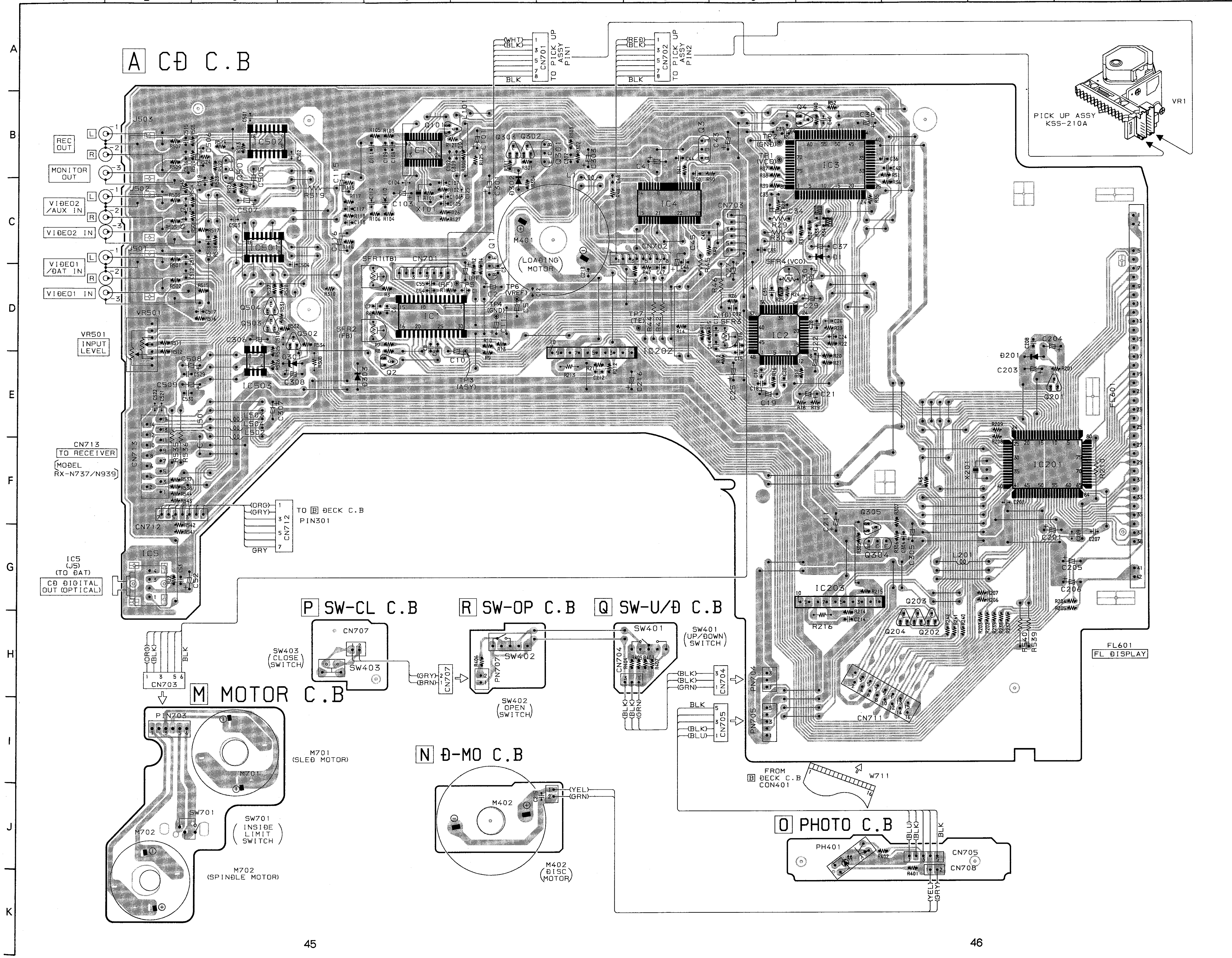


BLOCK DIAGRAM – 2 (DECK)

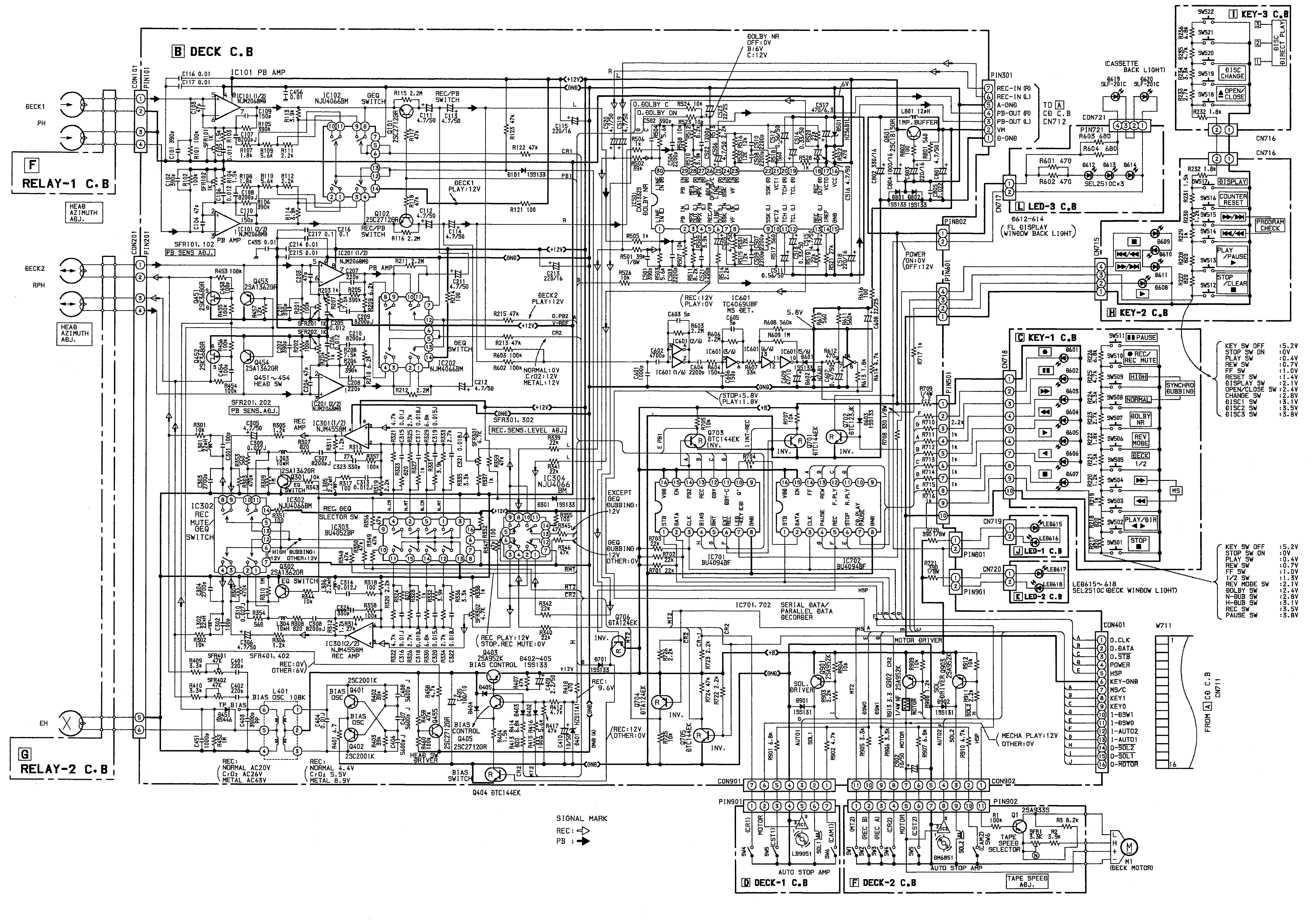


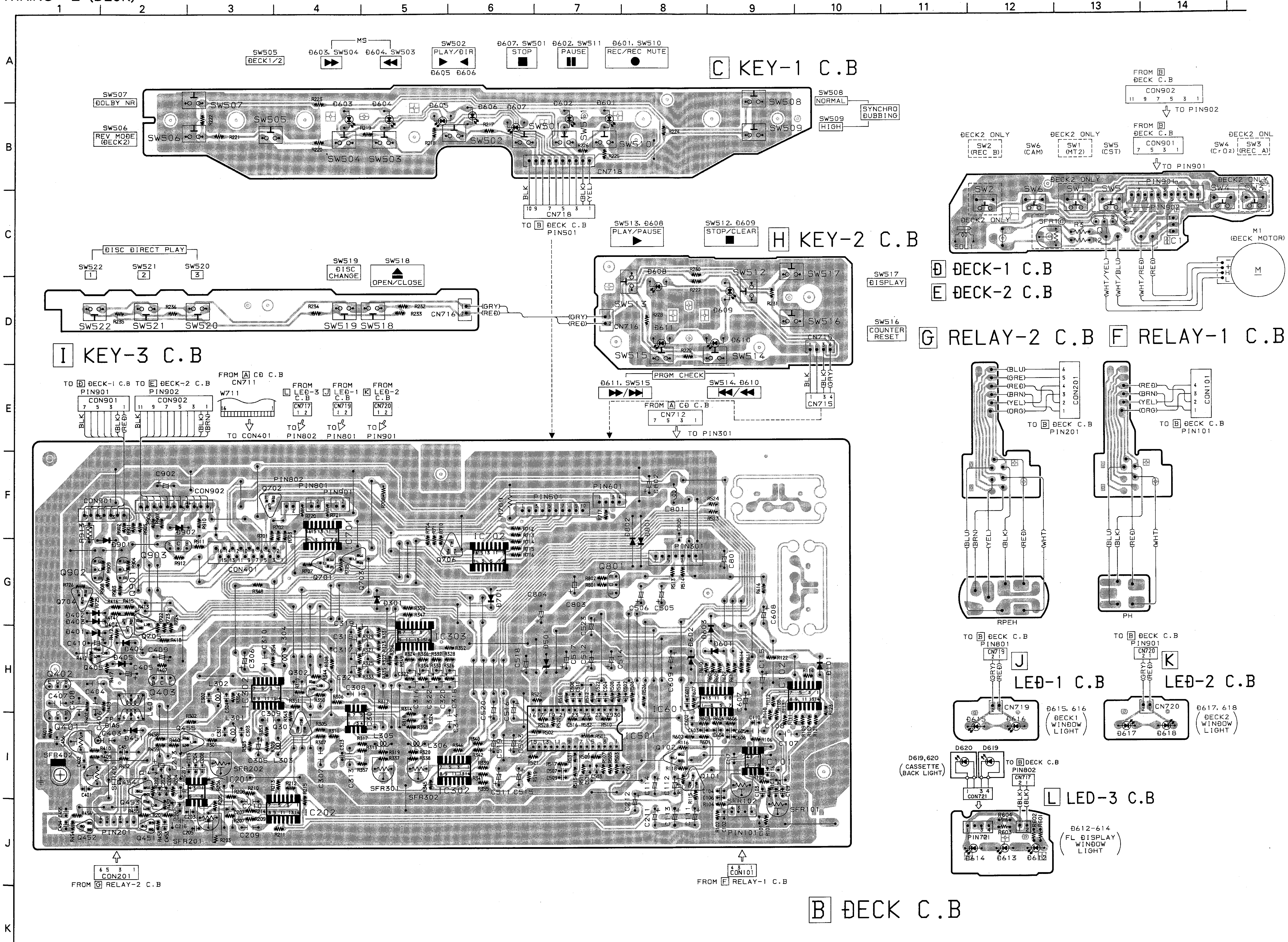
SCHEMATIC DIAGRAM – 1 (CD)




A CD C.B
P SW-CL C.B
R SW-OP C.B
Q SW-U/D C.B
M MOTOR C.B
N D-MO C.B
O PHOTO C.B
PICK UP ASSY KSS-210A
REC OUT
MONITOR OUT
VIDEO2 /AUX IN
VIDEO2 IN
VIDEO1 /DAT IN
VIDEO1 IN
VR501 INPUT LEVEL
CN713 TO RECEIVER (MODEL RX-N737/N939)
IC5 (J5) (TO DAT)
CD DIGITAL OUT (OPTICAL)
TO B DECK C.B PIN301
CN701 TO PICK UP ASSY PIN1
CN702 TO PICK UP ASSY PIN2
M401 (LOADING MOTOR)
SW403 (CLOSE SWITCH)
SW402 (OPEN SWITCH)
SW401 (UP/DOWN SWITCH)
M701 (SLED MOTOR)
SW701 (INSIDE LIMIT SWITCH)
M702 (SPINDLE MOTOR)
M402 (DISC MOTOR)
FL601 FL DISPLAY
FROM B DECK C.B CON401
W711
PH401
CN705
CN708

SCHEMATIC DIAGRAM – 2 (DECK)

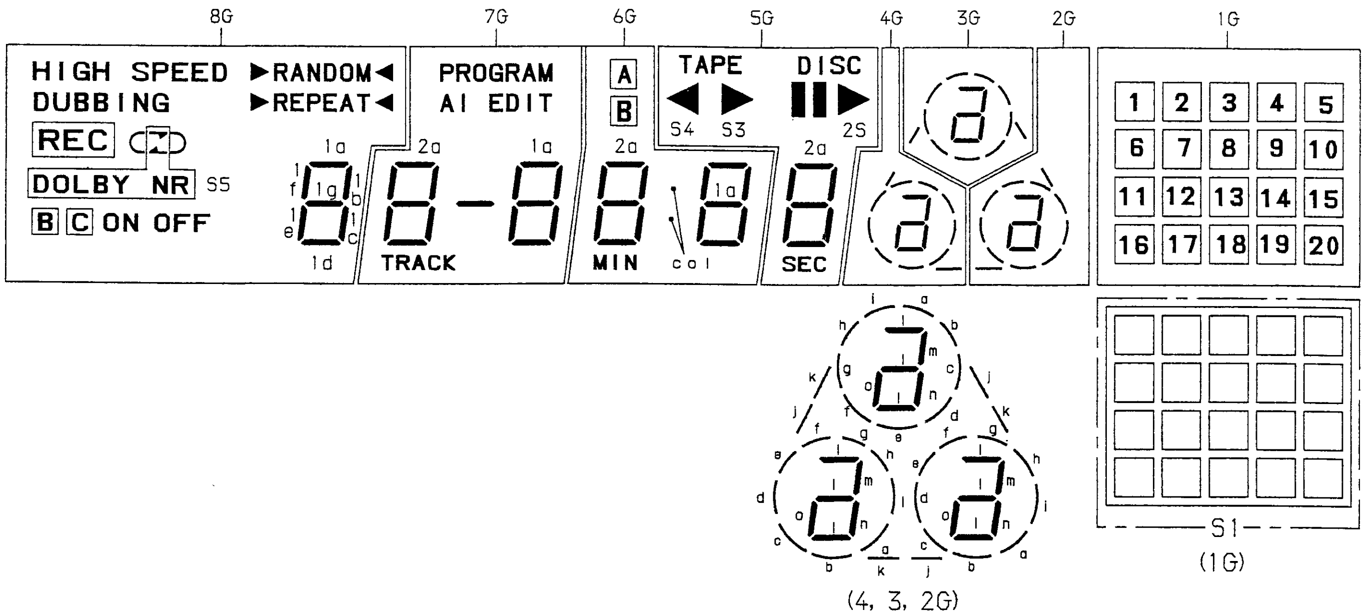




C KEY-1 C.B
SW505 DECK1/2
D603, SW504 D604, SW503
MS
SW502 PLAY/DIR
D605 D606
D607, SW501 STOP
D602, SW511 PAUSE
D601, SW510 REC/REC MUTE
SW507 DOLBY NR
SW506 REV MODE (DECK2)
SW508 NORMAL
SW509 HIGH
SYNCHRO DUBBING
CN718
TO B DECK C.B PIN501
H KEY-2 C.B
SW513, D608 PLAY/PAUSE
SW512, D609 STOP/CLEAR
SW517 DISPLAY
SW516 COUNTER RESET
D611, SW515
SW514, D610
PRGM CHECK
CN715
FROM A CD C.B CN712
TO PIN301
I KEY-3 C.B
DISC DIRECT PLAY
SW522 SW521 SW520
SW519 DISC CHANGE
SW518 OPEN/CLOSE
CN716
TO D DECK-1 C.B PIN901
TO E DECK-2 C.B PIN902
CON901 CON902
FROM A CD C.B CN711
W711
TO CON401
FROM L LED-3 C.B CN717 TO PIN802
FROM J LED-1 C.B CN719 TO PIN801
FROM K LED-2 C.B CN720 TO PIN901
D DECK-1 C.B
E DECK-2 C.B
FROM B DECK C.B CON902 TO PIN902
FROM B DECK C.B CON901 TO PIN901
DECK2 ONLY
SW2 (REC B)
SW6 (CAM)
SW1 (MT2)
SW5 (CST)
SW4 (CrO2)
SW3 (REC A)
M1 (DECK MOTOR)
G RELAY-2 C.B
F RELAY-1 C.B
CON201
TO B DECK C.B PIN201
CON101
TO B DECK C.B PIN101
RPEH
PH
TO B DECK C.B PIN801
J LED-1 C.B
D615, 616 (DECK1 WINDOW LIGHT)
TO B DECK C.B PIN901
K LED-2 C.B
D617, 618 (DECK2 WINDOW LIGHT)
D619, 620 (CASSETTE BACK LIGHT)
TO B DECK C.B PIN802
L LED-3 C.B
D612-614 (FL DISPLAY WINDOW LIGHT)
CON201 FROM G RELAY-2 C.B
CON101 FROM F RELAY-1 C.B
B DECK C.B

FL (8 – ST – 15G) GRID ASSIGNMENT/ANODE CONNECTION

GRID ASSIGNMENT



ANODE CONNECTION

	8G	7G	6G	5G	4G	3G	2G	1G
P1	1a	1a	1a	**TAPE**	j	k	k	**1**
P2	1b	1b	1b	**DISC**	f	g	g	**2**
P3	1c	1c	1c	▮▮	l	o	m	**5**
P4	1d	1d	1d	–	m	m	l	**7**
P5	1e	1e	1e	S2	o	l	n	**6**
P6	1f	1f	1f	S4	e	h	h	**3**
P7	1g	1g	1g	S3	g	f	f	**4**
P8	▶(RANDOM)◀	—	c o l	–	n	n	o	**8**
P9	**RANDOM**	2a	2a	2a	d	i	e	**9**
P10	▶(REPEAT)◀	2b	2b	2b	c	a	i	**10**
P11	**DUBBING**	2c	2c	2c	i	c	b	**13**
P12	)	2d	2d	2d	k	d	j	**15**
P13	**REC**	2e	2e	2e	a	e	a	**14**
P14	**REPEAT**	2f	2f	2f	h	b	d	**11**
P15	**HIGH SPEED**	2g	2g	2g	b	j	c	**12**
P16	(	**TRACK**	**MIN**	**SEC**	–	–	–	**16**
P17	S5	**AI**	**B**	–	–	–	–	**17**
P18	**OFF**	**EDIT**	**A**	–	–	–	–	**18**
P19	**ON**	**PROGRAM**	–	–	–	–	–	**19**
P20	**C**	–	–	–	–	–	–	**20**
P21	**B**	–	–	–	–	–	–	S1

IC DESCRIPTION

IC, µPD78043GF – 063

Pin No.	Pin Name	I/O	Description
1～7	2G～8G	O	Digit output for FL display.
8	VDD	—	+5V power supply.
9	CLK D	O	Serial data output to control the output port expansion IC (4094).
10	DATA D		
11	STB D		
12	POWER	O	"H" during POWER ON of the unit.
13	XLT	O	Serial data output to control the signal processing IC for CD.
14	CLK		
15	DATA		
16	SUBQ	I	Sub-code Q input.
17	$\overline{\text{RESET}}$	I	System reset input.
18	O-$\overline{\text{CDACT}}$	O	Output to control the power of CD circuit. "L" during CD function. Open-drain.
19	O-HSP	O	High speed control output to DECK. "H" during high speed dubbing. Open-drain.
20	AVSS	—	GND for A/D converter input.
21	MS/C	ADI	A/D input of MS signal and Dolby-B or B/C select detector from DECK.
22	FOK/GFS	ADI	A/D input of the focus OK signal and frame sync lock state display signal from CD.
23	PHOTO	ADI	Mechanism-3 disc table position detect photo sensor signal input from CD.
24	CDSW	ADI	A/D input of mechanism tray and base unit position detect switches from CD.
25	KEY1	ADI	A/D input of the key data from CD button.
26	KEY0	ADI	A/D input of key data from DECK button.
27	DSW1	ADI	A/D input of mechanism status detect switch from DECK.
28	DSW0	ADI	A/D input of mechanism status detect switch from DECK.
29	AVDD	—	Analog power supply to A/D converter.
30	AVREF	I	Reference voltage input to A/D converter (connected to +5V).
31	SENS	I	Internal state of CD signal processing IC.
32	—	—	-
33	VSS	—	GND.
34	X1	I	4.19MHz clock oscillator input.
35	X2	—	4.19MHz clock oscillator input.
36	$\overline{\text{EMP}}$	O	De-emphasis control output for CD output signal. "L" when ON.
37	DISH F	O	Mechanism-3 disc table drive control output to IC203. "H" during forward rotation.
38	DISH R	O	Mechanism-3 disc table drive control output to IC203. "H" during reverse rotation.
39	OPEN	O	Mechanism tray drive control output to IC202. "H" during open.
40	CLOSE	O	Mechanism tray drive control output to IC202. "H" during close.
41	AUTO2	I	Mechanism reel table rotation detect signal input from DECK 2.
42	AUTO1	I	Mechanism reel table rotation detect signal input from DECK 1.
43	MUTE	O	Output signal to mute the signal output. "H" during muting.
44	$\overline{\text{LDON}}$	O	Output signal which controls ON/OFF of CD pickup laser diode. "L" when ON.
45	SCOR	I	CD sub-code sync S0 + SI input.
46	I/O SER	I/O	Serial data input/output to and from RX.
47	REMOTE	I	Remote control unit received signal input from RX.
48	IC	—	Internal connection (connected to GND).
49	O-$\overline{\text{SOL2}}$	O	Mechanism solenoid drive control output to DECK 2. "L" when ON. Open drain.
50	O-$\overline{\text{SOL1}}$	O	Mechanism solenoid drive control output to DECK 1. "L" when ON. Open drain.
51	O-$\overline{\text{MOTOR}}$	O	Mechanism main motor drive control output to DECKs. "L" when ON. Open drain.
52	VDD	—	+5V power supply.
53	FSW3	O	Function selector control output (video select).
54	FSW2	O	Function selector control output (REC MUTE).
55	FSW1	O	Function selector control output (Function B).
56～70	P1～15	O	Segment output for FL display.
71	VLOAD	—	-27V power supply for FL pull-down.
72～77	P16～21	O	Segment output for FL display.
78	FSW0	O	Function selector control output (Function A).
79	GMUTE	O	Output signal to mute graphic of CDG. "H" during muting (Not used).
80	1G	O	Digit output for FL display.

IC, SM5875BM

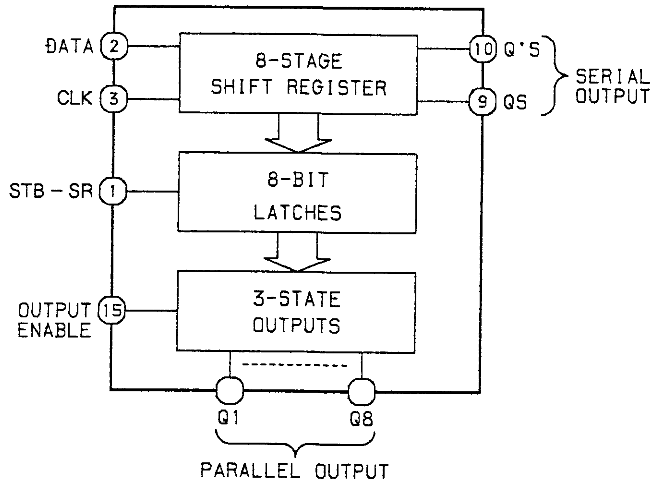
Pin No.	Pin Name	I/O	Description
1	MUTE	Ip	MODE = H : Softmute ON/OFF ("H" MUTE) MODE = L : Attenuator DOWN/UP ("H" DOWN) (Connected to GND)
2	DEEM	Ip	Deemphasis ON/OFF. ("H" Deemphasis)
3	CKO	O	Crystal oscillator output.(Not used.)
4	DVSS	–	Digital VSS.
5	BCKI	Ip	Bit clock input.
6	DI	Ip	Sirealdata input.
7	DVDD	–	Digital VDD.
8	LRCK	Ip	Sample rete clock (fs) input.(H = Lch/L = Rch)
9	TSTN	Ip	LSI test input.("L" TEST)
10	TO1	O	Test output 1.(Usually low level output.) (Not used.)
11	AVDDL	–	Analog VDD.(Lch)
12	LO	O	Lch analog output.
13	AVSS	–	Analog VSS.
14	RO	O	Rch analog output.
15	AVDDR	–	Analog VDD.(Rch)
16	TO2	O	Test output 2.(Usually low level output.) (not used.)
17	XVDD	–	X'tal VDD.
18	XTI	I	X'tal or External clock input.(16.9344MHz)
19	XTO	O	X'tal.
20	XVSS	–	X'tal VSS.
21	DS	Ip	Double speed/Normal speed playback mode select.(Connected to GND.)
22	RSTN	Ip	Reset.("L" Reset)
23	MODE	Ip	Softmute/Attenuator mode select.("H" Softmute mode.) (Connected to +5V.)
24	ATCK	Ip	Attenuator level select clock.("H" Ignore) (Connected to +5V.)

See the NSX – D55 (FD – N55) for the IC description below.

	FD – N939	NSX – D55 (FD – N55)
①	IC,CXD1167Q	IC,CXD1167Q
②	IC,CXA1081M	IC,CXA1081M
③	IC,CXA1082BQ	IC,CXA1082BQ

IC BLOCK DIAGRAM

IC,BU4094B



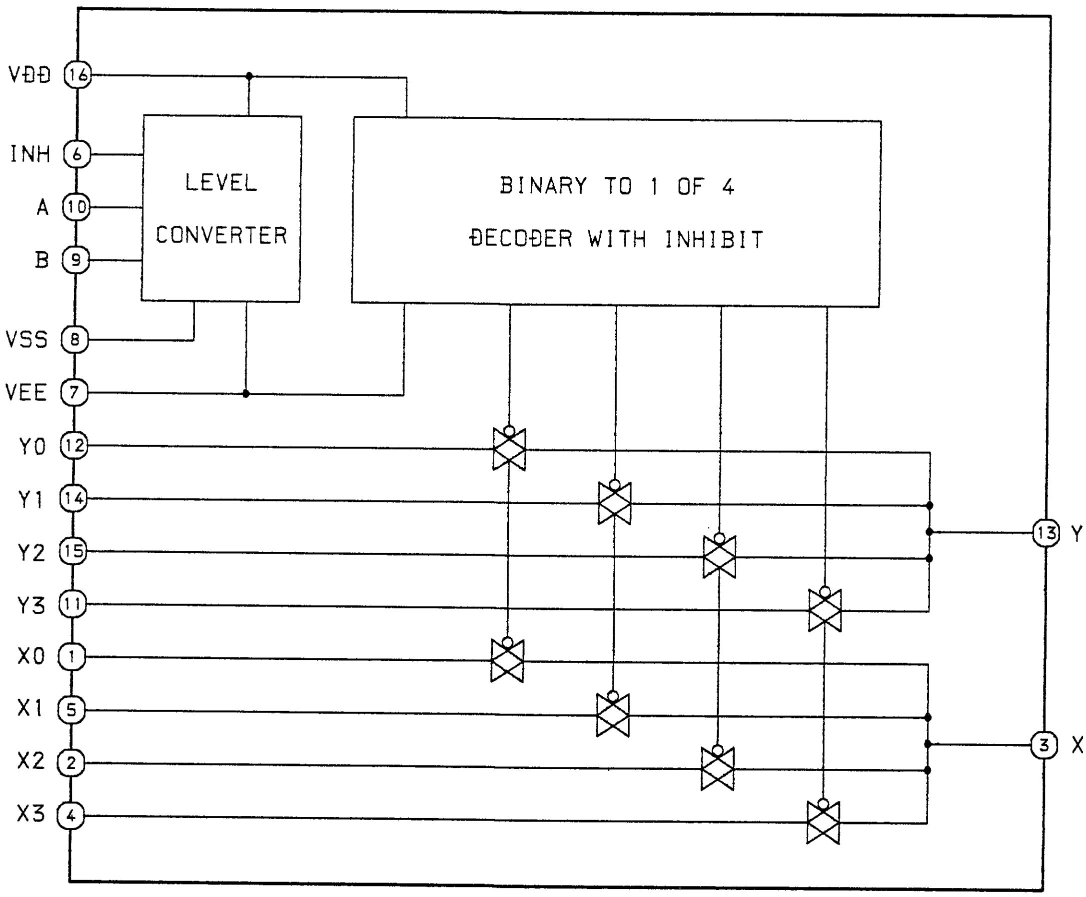
TRUTH TABLE

CLOCK	OUTPUT ENABLE	STROBE	DATA	PARALLEL OUTPUTS		SERIAL OUTPUTS	
				Q1	Qn	QS	Q'S
↑	L	x	x	Z	Z	Q7	NO CHG.
↓	L	x	x	Z	Z	NO CHG.	QS
↑	H	L	x	NO CHG.	NO CHG.	Q7	NO CHG.
↑	H	H	L	L	Qn-1	Q7	NO CHG.
↑	H	H	H	H	Qn-1	Q7	NO CHG.
↓	H	x	x	NO CHG.	NO CHG.	NO CHG.	QS

Z = HIGH IMPEDANCE
x = DON'T CARE

Q1:O.DOLBY ON
Q2:O.DOLBY C
Q3:O.EXT.REC
Q4:O.INT.REC
Q5:O.PLAY
Q6:O.PB2
Q7:O.LED
Q8:O.$\overline{RMT}$

IC,BU4052BF

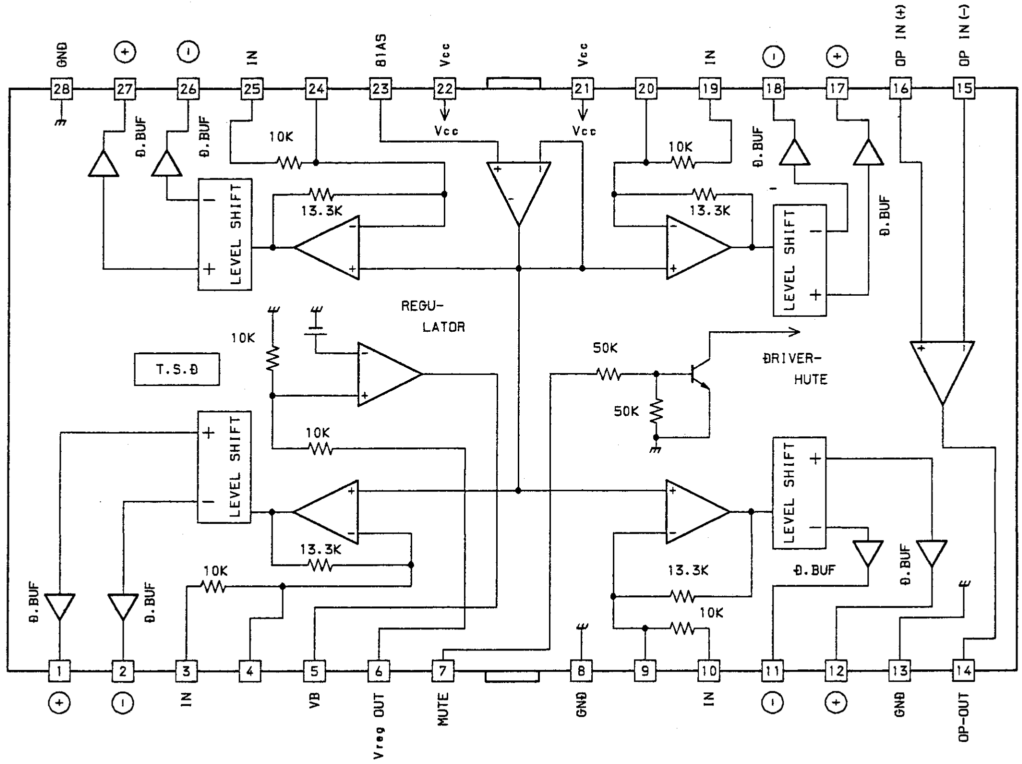


TRUTH TABLE

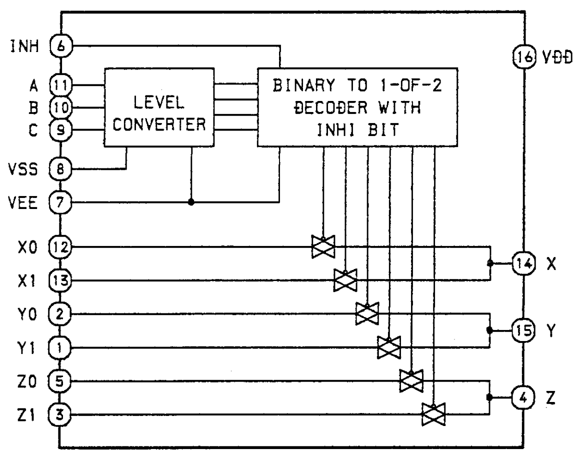
INHIBIT	A	B	ON SWITCH
L	L	L	X0 Y0
L	H	L	X1 Y1
L	L	H	X2 Y2
L	H	H	X3 Y3
H	X	X	NONE

X:DON'T CARE.

IC,BA6397FP



IC,MC14053BF



LOGIC TABLE

CONTROL INPUT		ON CHANNEL
INH	A	
L	L	CH 0
L	H	CH 1
H	*	NONE

* DON'T CARE

OUT C IN

LOGIC TABLE

CONTROL C	IMPEDANCE BETWEEN IN-OUT *
L	$0.5 \sim 5X10^{2}\,\Omega$
H	$>10^{9}\,\Omega$

* DON'T CARE

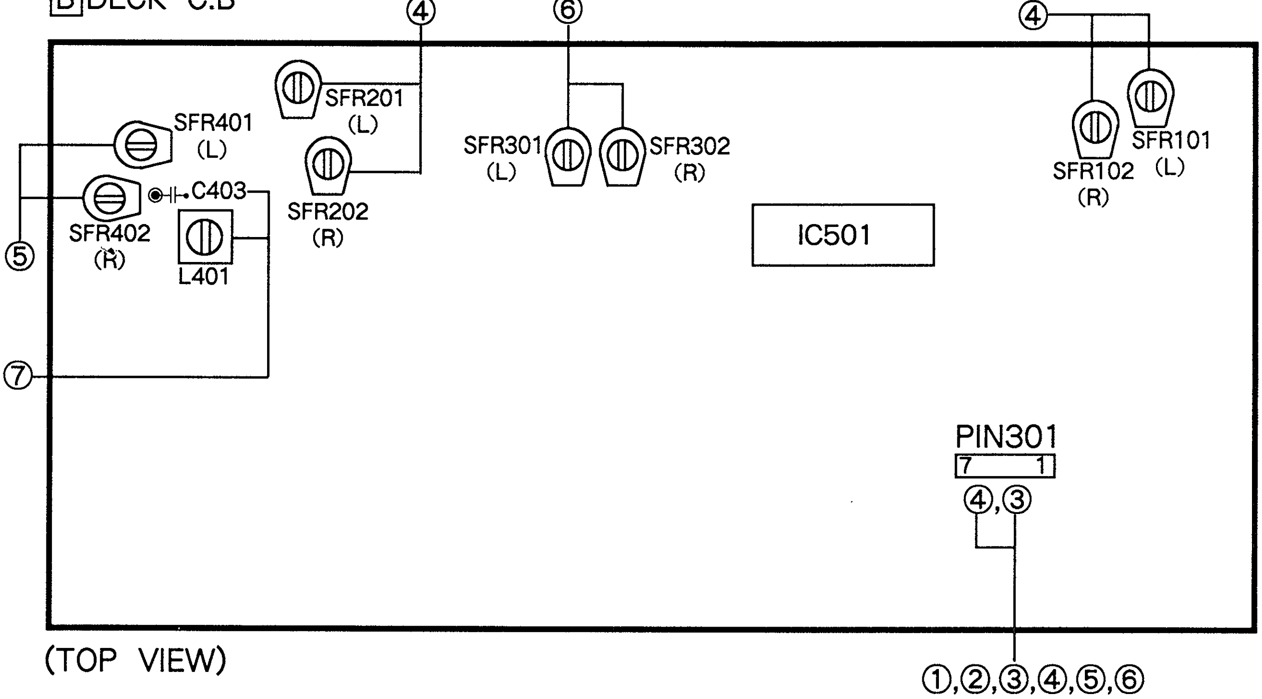
LOGIC TABLE

CONTROL INPUT		ON SWITCHS
INHI BIT	SELECT	
	C B A	MC14053BF
0	0 0 0	Z0 Y0 X0
0	0 0 1	Z0 Y0 X1
0	0 1 0	Z0 Y1 X0
0	0 1 1	Z0 Y1 X1
0	1 0 0	Z1 Y0 X0
0	1 0 1	Z1 Y0 X1
0	1 1 0	Z1 Y1 X0
0	1 1 1	Z1 Y1 X1
1	X X X	NONE

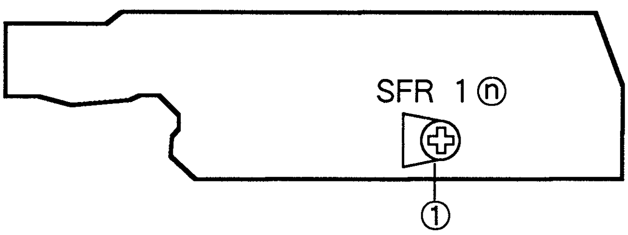
See the NSX – D55 (FD – N55) for the IC Block Diagram below.		
	FD – N939	NSX – D55 (FD – N55)
①	IC,LB1641	IC,LB1641
②	IC,CXA1332S	IC,CXA1332S

ELECTRICAL ADJUSTMENT (DECK)

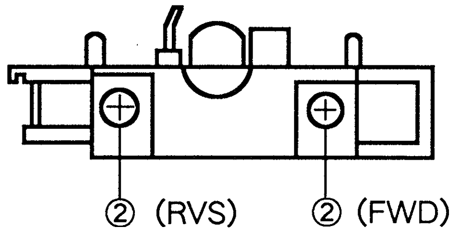
B DECK C.B



E DECK2 C.B



DECK1 P, DECK2 R/P/E HEAD



1. Tape Speed Adjustment
   Settings : • Test tape : TTA-100
   • Test point : TP CONN 7P (PIN301) ③,④
   • Adjustment location : SFR 1ⓝ
   Method : Play back the test tape by DECK2 and adjust SFR 1ⓝ so that the frequency counter reads 3000Hz ± 5Hz.

2. Head Azimuth Adjustment
   Settings : • Test tape : TTA-310
   • Test point : TP CONN 7P (PIN301) ③,④
   • Adjustment location : Head azimuth adjustment screw
   Method : Play back the 10kHz signal of the test tape and adjust screw so that the output becomes maximum. Next, perform on each FWD PLAY and REV PLAY mode.

3. PB Frequency Response Check
   Settings : • Test tape : TTA-310
   • Test point : TP CONN 7P (PIN301) ③,④
   Method : Play back the 315Hz and 10kHz signals of the test tape and check that the output ratio of the 10kHz signal is with respect to that of the 315Hz signal is ± 2dB.

4. PB Sensitivity Adjustment
   Settings : • Test tape : TTA-200
   • Test point : TP CONN 7P (PIN301) ③,④ (load 47K Ω)
   • Adjustment location :
   (DECK1) SFR101 (Lch)
   SFR102 (Rch)
   (DECK2) SFR201 (Lch)
   SFR202 (Rch)
   Method : Play back the test tape and adjust SFRs so that the output level of the test point is 280mV ± 0.3dB.

5. REC/PB Frequency Response Adjustment
   Settings : • Test tape : TTA-601
   • Test point : TP CONN 7P (PIN301) ③,④
   • Input signal : 1kHz/10kHz (LINE IN)
   • Adjustment location : SFR401 (Lch)
   SFR402 (Rch)
   Method : Apply a 1kHz signal and REC mode. Then adjust OSC attenuator so that the output level at the TP CONN 7P (PIN301) ③,④ is 28mV.
   Record and play back the 1kHz and 10kHz signals and adjust SFRs so that the output

of the 10kHz signal is +0.5dB ± 0.5dB with respect to that of the 1kHz signal.

6. REC/PB Sensitivity Adjustment

   Settings : • Test tape : TTA-601 (TTA − 600)
   • Test point : TP CONN 7P (PIN301) ③,④
   • Input signal : 400Hz (LINE IN)
   • Adjustment location : SFR301 (Lch) SFR302 (Rch)

   Method : Apply a 400Hz signal and REC mode. Then adjust OSC attenuator so that the output level at the TP CONN 7P (PIN301) ③,④ is 28mV.
   Record and play back the 400Hz signal and adjust SFRs so that the output is 28mV ± 0.5dB.

7. Bias OSC Frequency Adjustment

   Settings : • Test tape : TTA-601
   • Test point : TP BIAS CHECK (C403)
   Adjustment location : L401

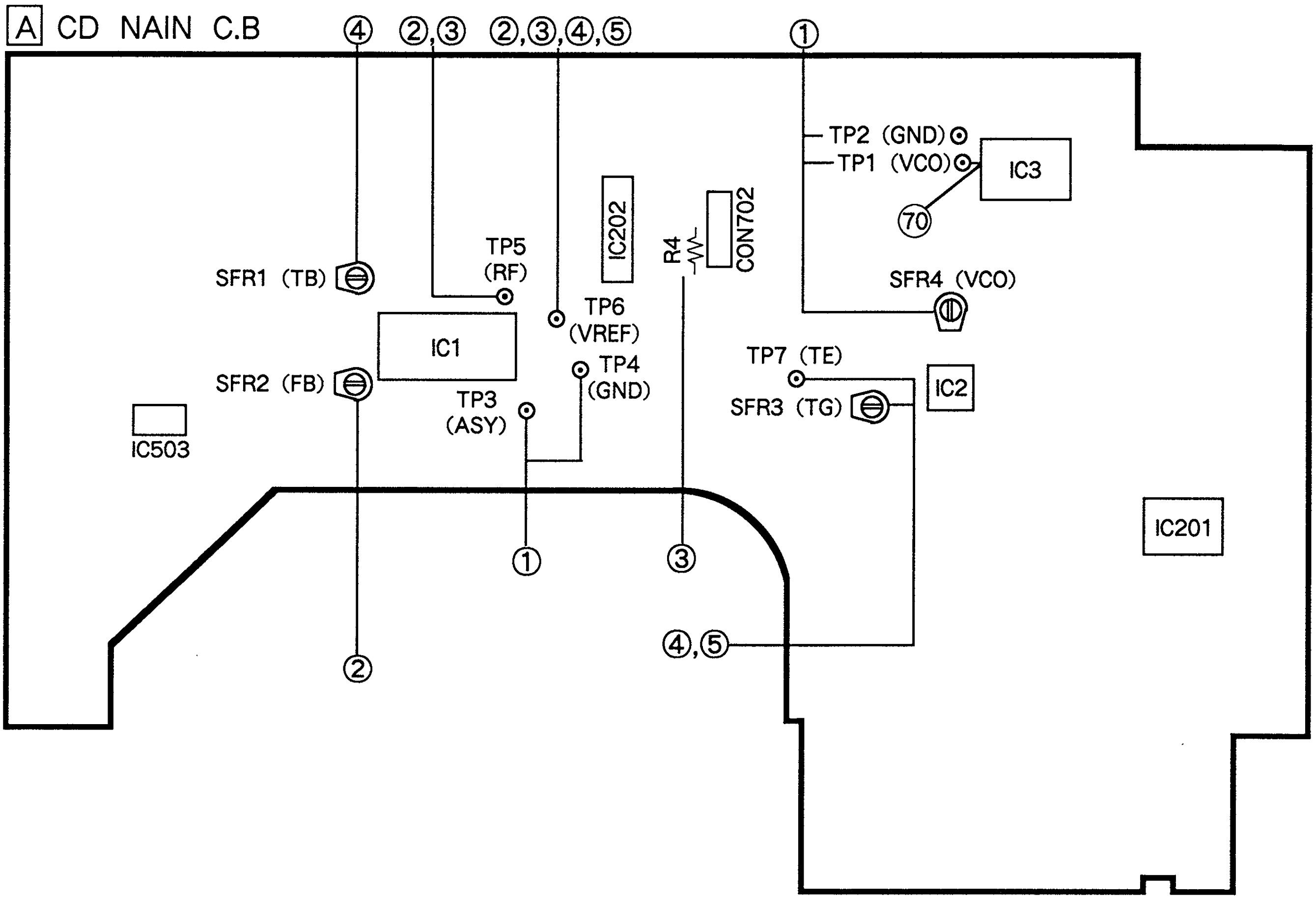
   Method : Set to the REC mode. Adjust L401 so that the frequency counter of the test point reads 106kHz ± 2kHz.

PRACTICAL SERVICE FIGURE (DECK)

DECK SECTION

Tape speed :	3000Hz ± 1.5%
Wow & flutter :	Less than 0.4% (R.M.S)
Take-up torque :	30~55g-cm (FWD, REV)
F.F torque :	75~170g-cm
Rew torque :	75~170g-cm
Back tension :	2~5g-cm
PB Output level :	280mV ± 20mV (CONN 7P)
REC/PB Output level :	280mV ± 2dB (CONN 7P)
Distortion (REC/PB) :	Less than 3% (CrO_2) Less than 3% (NORMAL)
Noise level (PB) :	Less than 1.0mV/1.4mV (DOLBY B NR ON/OFF CrO_2) Less than 1.3mV/1.8mV (DOLBY C NR ON/OFF NORM)
Noise level (REC/PB) :	Less than 1.2mV/1.5mV (DOLBY B NR ON/OFF CrO_2) Less than 1.3mV/2.0mV (DOLBY B NR ON/OFF) MORM)
Erasing ratio :	More than 60dB (125Hz)
REC bias frequency :	106kHz
Test tape :	NORMAL TTA − 601/600 CrO_2 TTA − 610 METAL TTA − 630

ELECTRICAL ADJUSTMENT (CD)

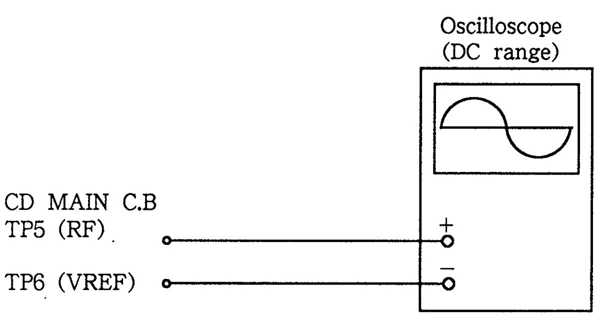


Note : Connect a probe (10 : 1) of the oscilloscope and the counter to a test point.

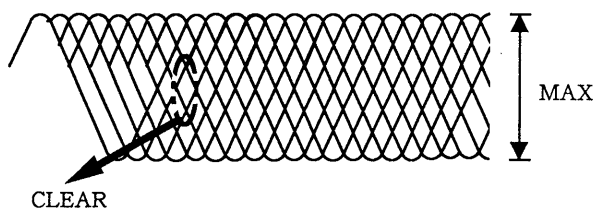
1. VCO Frequency Adjustment
   1) Connect the frequency counter to the test points TP1 (VCO) and TP2 (VCO GND).
   2) Set the test disc and PLAY mode.
   3) Connect and short between TP3 (ASY) and TP4 (GND).
   4) Adjust SFR4 so that the frequency counter reading is 4.27MHz ± 0.02MHz.
   5) After the adjustment is completed, disconnect the short lead wire.

2. Focus Bias Adjustment

   Make the focus bias adjustment when replacing and repairing the optical block.



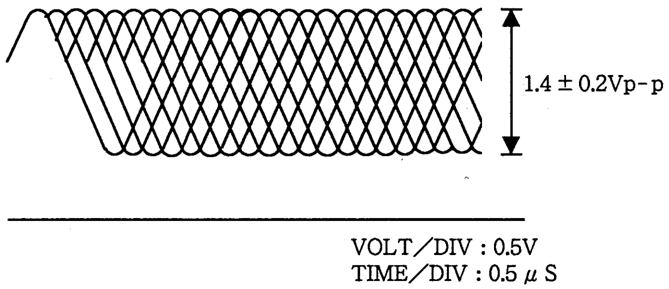
   1) Connect an oscilloscope to the test points TP5 (RF) and TP6 (VREF).
   2) Turn on the power switch.
   3) Insert the test disc TCD-782 (YEDS-18) and play back the second composition.
   4) Adjust SFR2 (FB) so that the RF waveform must be maximum and clear.



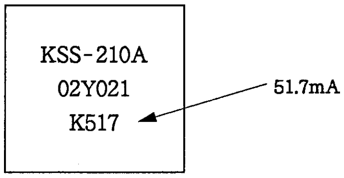
VOLT／DIV : 0.5V
TIME／DIV : 0.5 μ S

3. RF Waveform Check

   This check should be performed whenever the optical block is replaced in repair.
   1) Connect an oscilloscope to the test points TP5 (RF) and TP6 (VREF).
   2) Turn on the power switch.
   3) Insert the test disc TCD-782 (YEDS-18) and play back the second composition.
   4) Check that the waveform appears as shown in the figure.

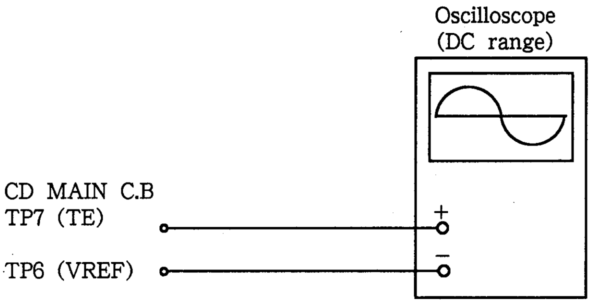


Note : The current of the laser signal can be checked with the voltages on both sides of R4 (10 Ω). The difference for the specified value shown on the label must be within ± 6.0mA.

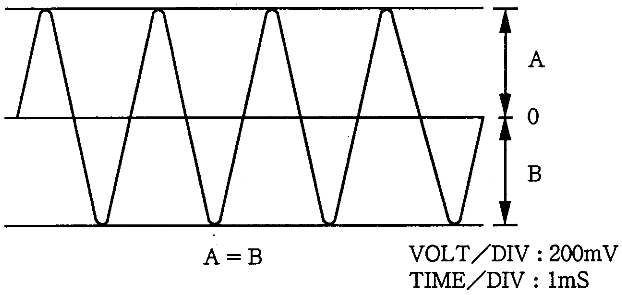


$$\text{Laser current Iop} = \frac{\text{Voltage across R4}}{10\,\Omega}$$

4. Tracking Balance Adjustment



1) Connect an oscilloscope to the test points TP7 (TE) and TP6 (VREF).
2) Turn on the power switch.
3) Insert test disc TCD-782 (YEDS-18) and play back the second composition.
4) Connect center pin of SFR3 (TG) to TP6 (VREF).
5) Adjust SFR1 (TB) so that the waveform on the oscilloscope is vertically symmetrical as figure shown in the figure below.
6) After the adjustment is completed, remove the connected lead wire.



5. Tracking Gain Adjustment

A servo analyzer is necessary in order to perform this adjustment exactly. However, this gain has a margin, so even if it is slightly off, there is no problem. Therfore, do not perform this adjustment.

Focus/tracking gain determines the pick-up follow-up (vertical and horizontal) relative to mechanical noise and mechinical shock when 2-axis device operates. However, as these reciprocate, the adjustment is at the point where both are satisfied.

- When gain is raised, the noise increases when the 2-axis device opearates increases.
- When gain is lowered, it is more susceptible to mechanical shock and skipping occurs more easily.

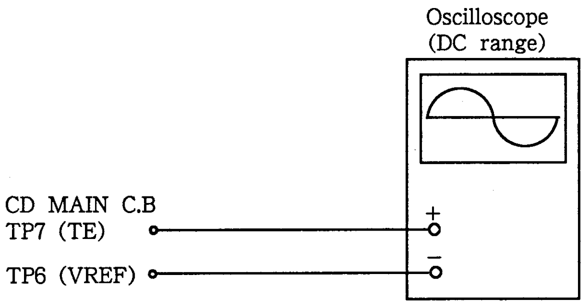
When gain adjustment is off, the symptoms below appear.

Symptoms \ Gain	(Focus)	Tracking
● The time until music starts becomes longer for STOP→▶ PLAY or automatic selection (⏮, ⏭ buttons pressed.) (Normally takes about 2 seconds.)	low	low or high
● Music does not start and disc continues to rotate for STOP →▶PLAY or automatic selection (⏮, ⏭ buttons pressed.)	−	low
● Disc stops to rotate shortly after STOP→▶PLAY.	low or high	−
● Sound is interrupted during PLAY, or time counter display stops.	−	low
● More noises during the 2-axis device operation.	high	high

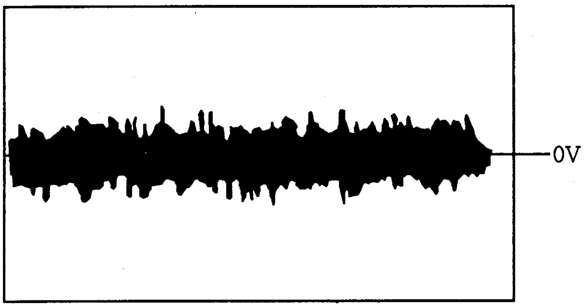
The following is simple adjustment method.

− Simple adjustment −

Note : Since exact adjustment cannot be performed, remember the positions of the controls before the performing the adjustment. If the positions after the simple adjustment are only a little different, return the controls to the original position.



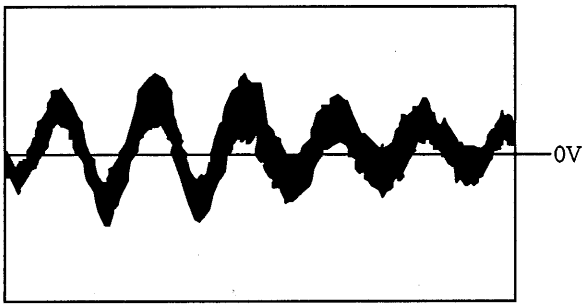
1) Keep the set horizontal.(If the set is not kept horizontally, this adjustment cannot be performed due to the gravity against the 2 – axis device.)
2) Insert test disc TCD-782 (YEDS-18) and play back the second composition.
3) Connect an oscilloscope to TP7 (TE) and TP6 (VREF).
5) Adjust SFR3 (TG) so that the waveform appears as shown in the figure below.
(tracking gain adjustment)



VOLT/DIV : 100mV
TIME/DIV : 1mS

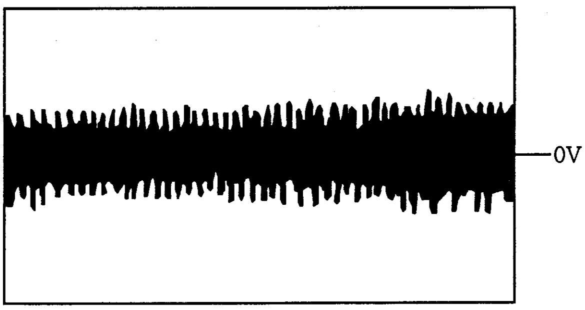
● Incorrect example

Low tracking gain (The fundamental wave appears as compared with the waveform adjusted)



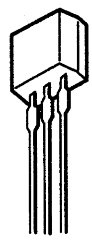
VOLT/DIV : 100mV
TIME/DIV : 1mS

High tracking gain (The frequency of the fundamental wave is higher than in low gain.)



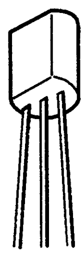
VOLT/DIV : 100mV
TIME/DIV : 1mS

TRANSISTOR ILLUSTRATION



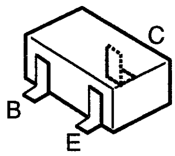
E C B

2SA933

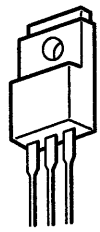


E C B

2SA952
2SC1815
2SC2001
2SC3331

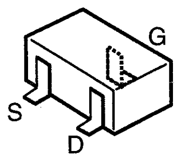


2SA1362
2SC2712
2SC3326
DTA114
DTA124
DTC123
DTC144



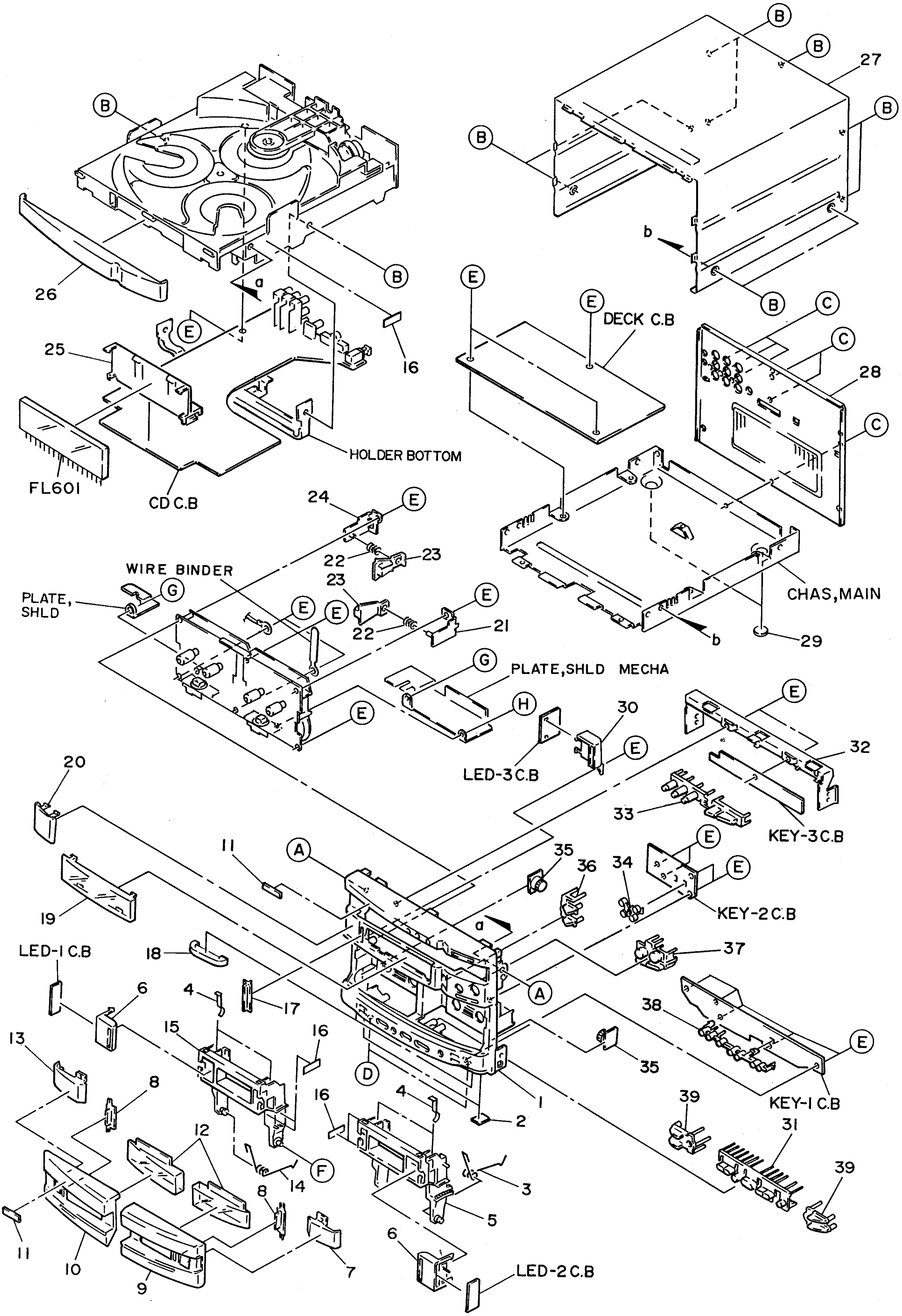
B C E

2SB1370



2SK368

MECHANICAL EXPLODED VIEW 1/2

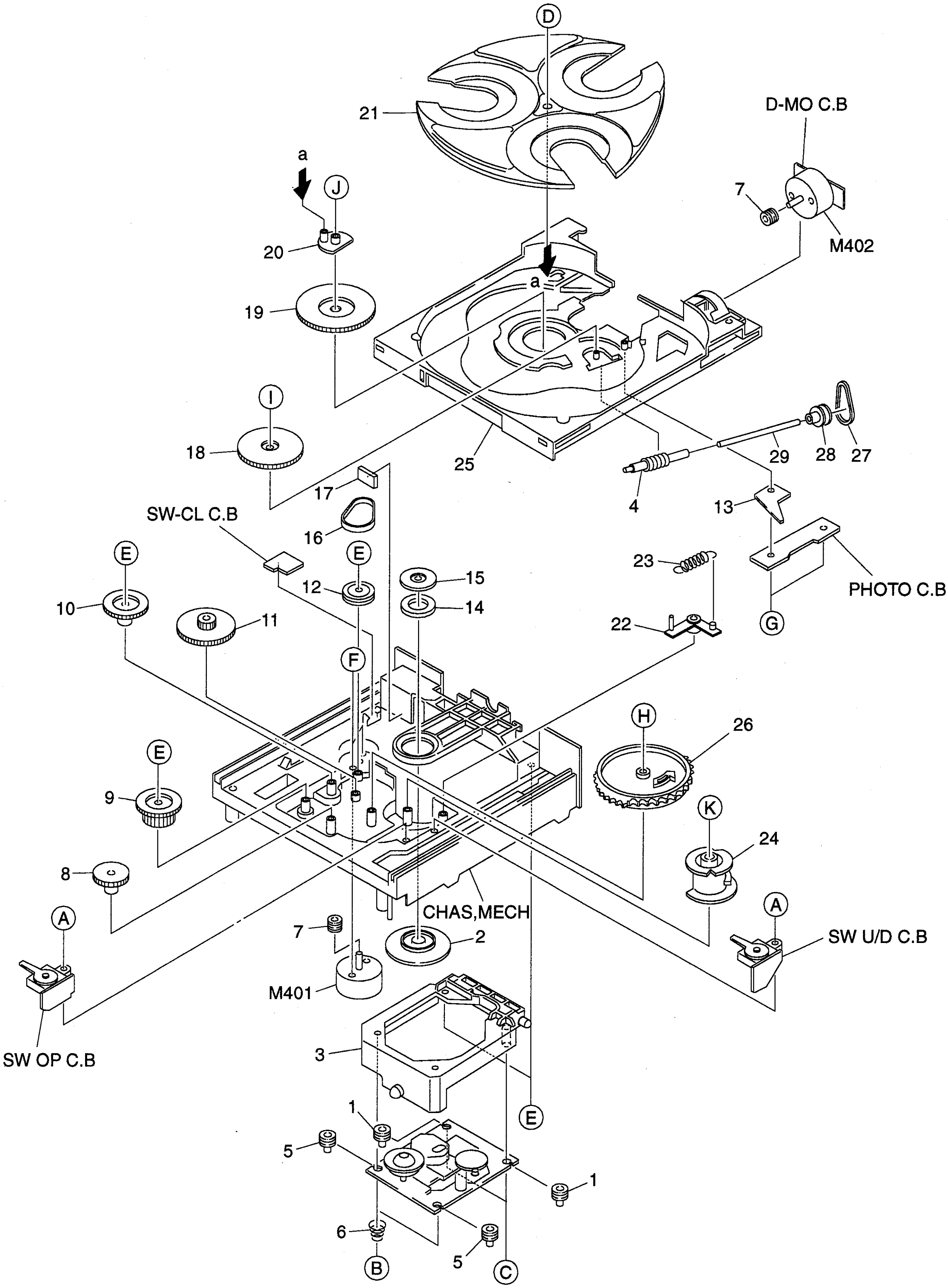


MECHANICAL PARTS LIST 1/2

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	83-NV1-001-010		CAB, FR⟨YJ, Y⟩
1	83-NVB-001-010		CAB, FR(U)⟨YU⟩
2	80-VT1-202-010		FELT, 12. 5-15. 5-2
3	82-NV1-217-110		SPR-T, EJECT R (SIN)
4	80-CD3-218-110		SPR-P CASS
5	82-NV1-004-010		BOX, CASS R
6	82-NV1-204-010		GUIDE, LED CASS
7	82-NV1-024-010		DUMMY, CASS R
8	82-NV1-019-010		IND, CASS
9	83-NV1-003-010		PANEL, CASS R
10	83-NV1-002-010		PANEL, CASS L
11	81-MX4-032-010		BADGE, AIWA N
12	83-NV1-008-010		WINDOW, CASS
13	82-NV1-023-010		DUMMY, CASS L
14	82-NV1-216-110		SPR-T, EJECT L (SIN)
15	82-NV1-003-010		BOX, CASS L
16	80-MQ1-209-010		CLOTH, 20-7
17	82-NV1-018-010		IND, CD
18	82-NT1-036-010		RING, FOOT
19	82-NV1-016-010		WINDOW, CD
20	82-NV1-022-010		DUMMY, CD
21	82-NF5-227-010		HLDR, LOCK 2N
22	82-NF5-228-010		SPR-C, LOCK
23	82-NF5-229-010		PLATE, LOCK
24	82-NF5-226-010		HLDR, LOCK 1N
25	81-VM1-203-010		GUIDE, FL
26	83-NVB-004-010		PANEL, TRAY
27	82-NV1-002-110		CAB, STEEL
28	83-NVB-006-010		PANEL, REAR YBN⟨Y⟩
28	83-NVB-007-010		PANEL, REAR YJBN⟨YJ⟩
28	83-NVB-002-010		PANRL, REAR YUBN⟨YU⟩
29	82-NV1-213-010		FELT, DIA12-2
30	82-NV1-205-010		GUIDE, LED WIND
31	82-NV1-010-010		KEY, DECK
32	82-NV1-201-010		HLDR, FR
33	82-NV1-008-010		KEY, OPEN
34	82-NV1-202-010		GUIDE, LED CD
35	87-063-165-010		OIL-DMPR 150
36	82-NV1-013-010		KEY, DISPLAY
37	82-NV1-009-010		KEY, CD
38	82-NV1-203-010		GUIDE, LED DECK
39	82-NV1-011-010		KEY, DUBB
A	87-721-096-410		QT2+3-10
B	87-067-641-010		UTT2+3-8 W/O SLOT BLK
C	87-067-660-010		BVT2+3-8W/O SLOT BLK
D	87-067-689-010		BVTT+3-8
E	87-067-579-010		BVT 2+3-8 W/O SLOT
F	82-NE8-215-010		W 4. 2-6. 8-0. 18
G	87-571-032-410		VIT+2-3
H	87-067-178-010		VTT+2. 6-3

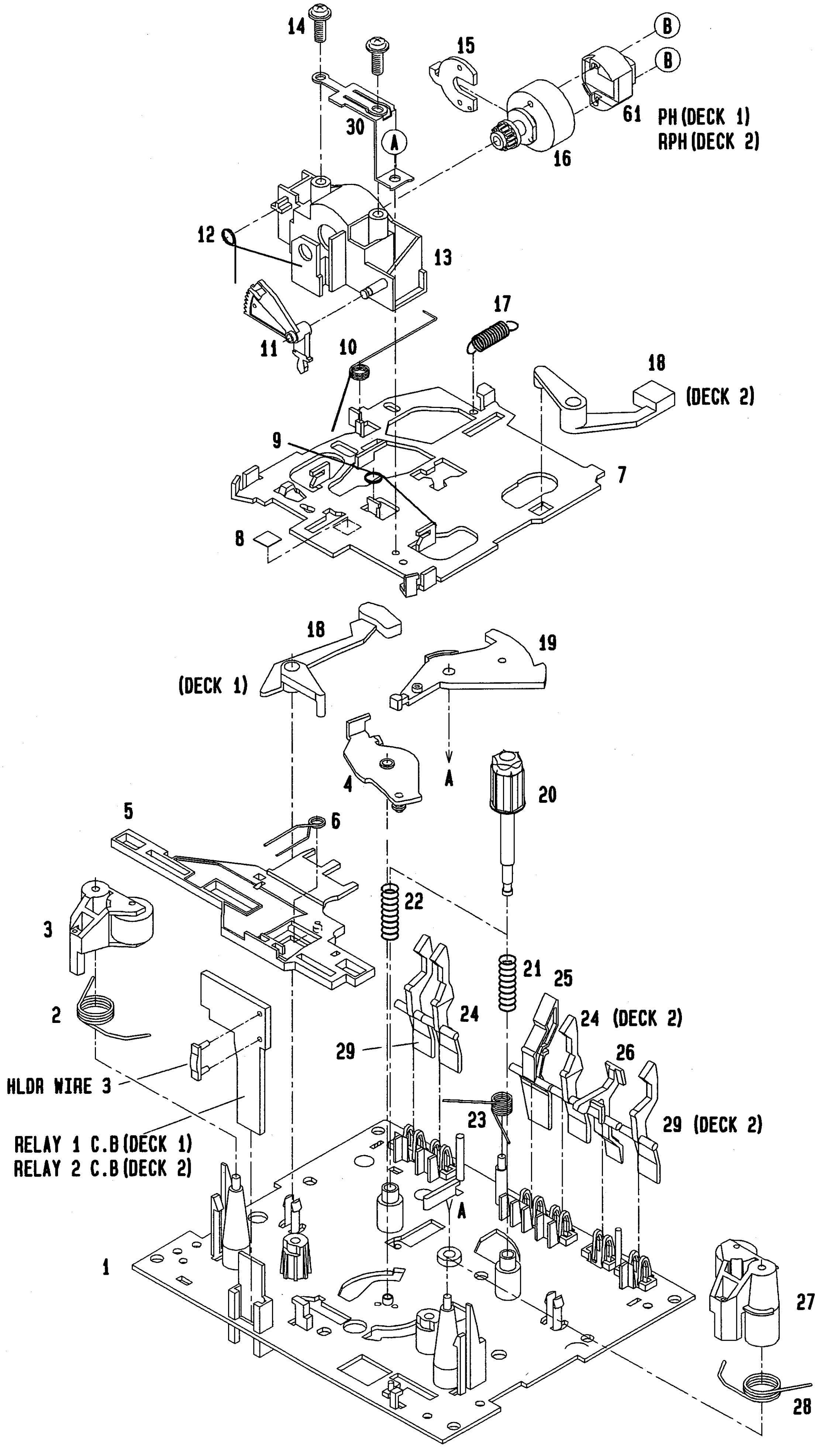
MECHANICAL EXPLODED VIEW 2/2

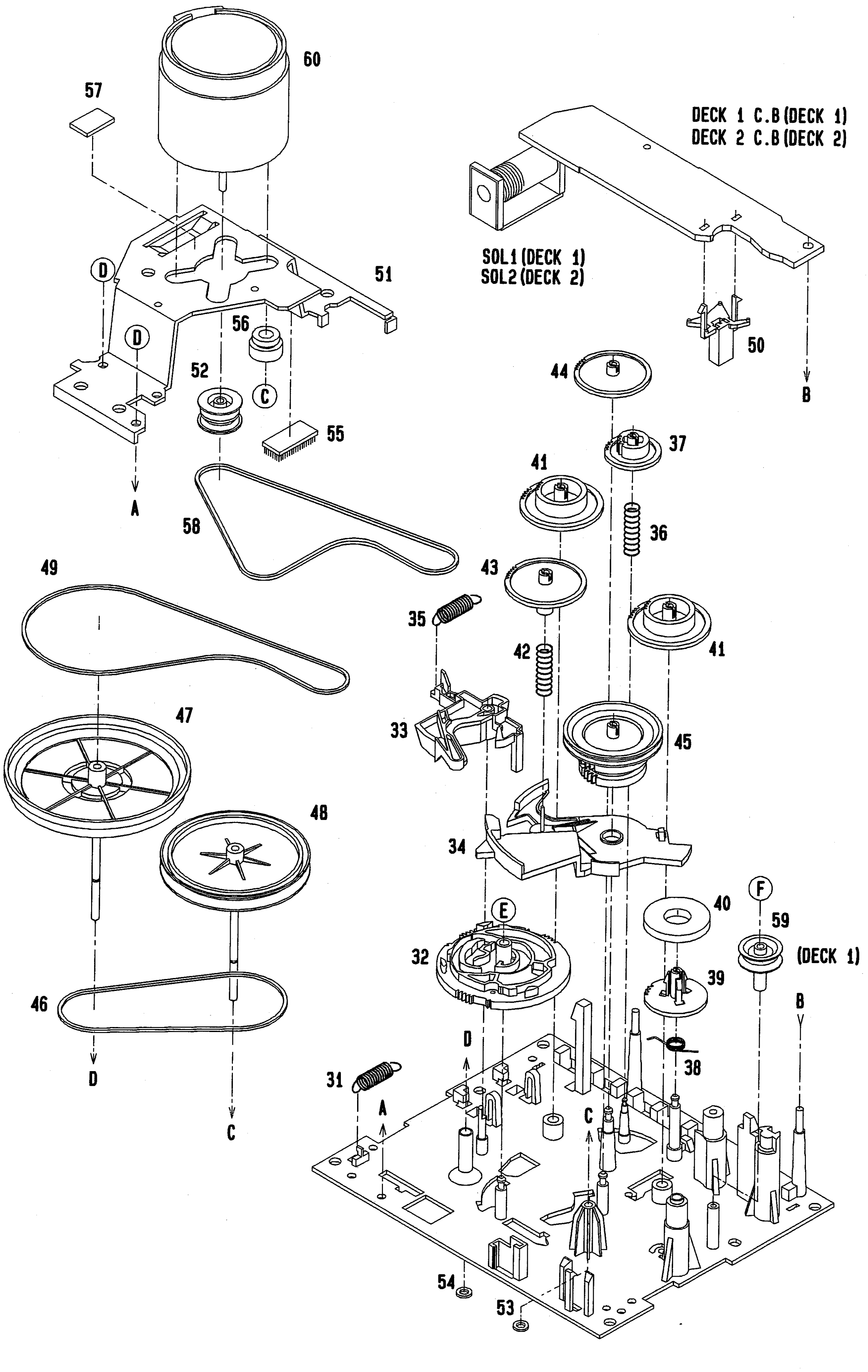


MECHANICAL PARTS LIST 2/2

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	80-CD3-214-010		CUSH CD A
2	81-ZG1-228-110		HLDR, MAGNET
3	81-ZG1-253-510		HLDR, MECH MK2
4	81-ZG1-276-110		WORM GEAR, TT NO2
5	81-ZG1-230-010		G-CUSH, MECH
6	81-ZG1-231-110		SPR-C, MECH
7	81-ZG1-212-010		PULLY, LOAD MO
8	81-ZG1-250-010		GEAR TRAY RELAY MK2
9	81-ZG1-019-010		GEAR TRAY B YEL
10	81-ZG1-018-010		GEAR TRAY A YEL
11	81-ZG1-017-010		GEAR RELAY RED
12	81-ZG1-014-010		PULLY, RELAY YEL
13	81-ZG1-240-010		SPR-P, WORM
14	87-036-326-010		MAGNET, CLAMPER 93
15	81-ZG1-255-110		PLATE, MAGNET MK2
16	81-ZG1-232-010		BELT, TRAY
17	81-ZG1-238-110		CUSH, TRAY IN
18	81-ZG1-222-010		WORM WHEEL, TT
19	81-ZG1-202-010		GEAR, MAIN
20	81-ZG1-252-010		LEVER, TT MK2
21	81-ZG1-010-210		TURNTABLE NO3
22	81-ZG1-020-010		PLATE, CAM BGE
23	81-ZG1-262-010		SPR-E CAM S
24	81-ZG1-016-010		GEAR, MECHA BGE
25	81-ZG1-011-210		TRAY, MK2
26	81-ZG1-015-010		GEAR, TRAY BLU
27	81-ZG1-233-110		BELT, TT
28	81-ZG1-236-010		PULLY, TT MO
29	81-ZG1-260-010		SHAFT, WORM S
A	81-653-215-010		SPECIAL SCREW VT2
B	81-ZG1-254-010		S-SCEW, MECH HLDR
C	81-ZG1-271-010		S-SCREW, MECH REAR
D	81-ZG1-239-010		S-SCREW, TT
E	87-067-945-110		VFT2+3-12(F10)
F	87-251-071-410		U+2.6-4
G	87-067-579-010		BVT 2+3-8 W/O SLOT
H	81-ZG1-264-010		S-SCREW, CAM
I	87-761-095-410		VFT2+3-8W/O SLOT GOLD
J	87-078-029-010		VFT2+3-13(F8)
K	87-078-061-010		VFT2+3-20DIA10, GLD

TAPE MECHANISM EXPLODED VIEW 1/1



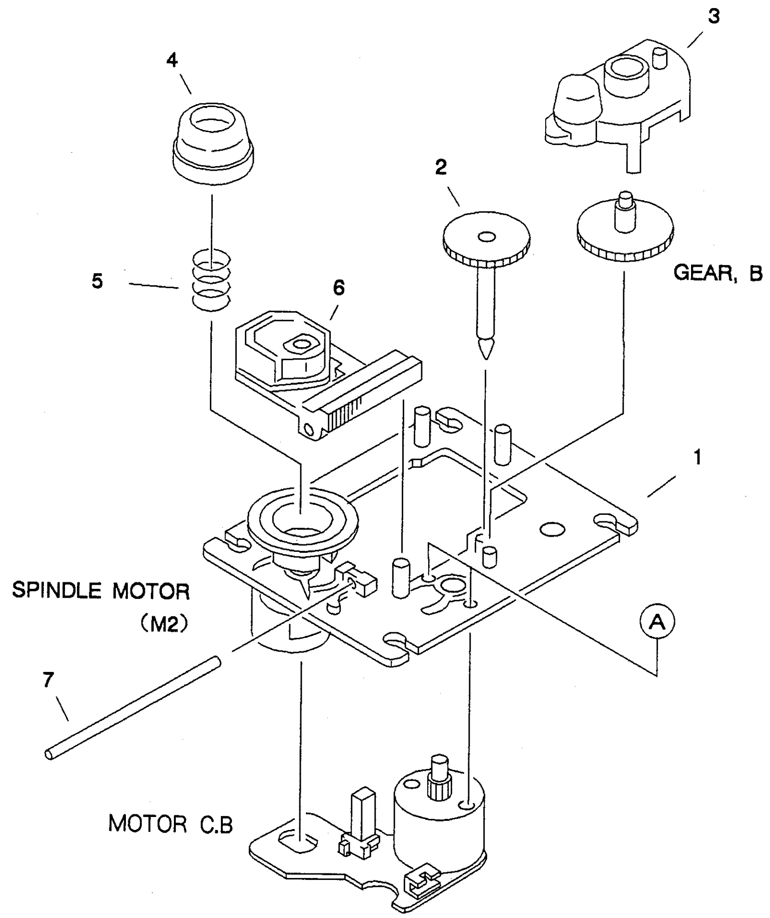


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DECK 1 C.B(DECK 1)
DECK 2 C.B(DECK 2)
SOL1(DECK 1)
SOL2(DECK 2)
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(DECK 1)
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D
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A
C
C
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TAPE MECHANISM PARTS LIST 1/1

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	82-ZM3-214-110		CHAS ASSY, P (DECK 1)
1	82-ZM1-299-010		CHAS ASSY, R (DECK 2)
2	82-ZM1-258-010		SPR-T, PINCH L
3	82-ZM1-248-110		LVR ASSY, PINCH L
4	82-ZM1-295-210		PLATE ASSY, LINK
5	82-ZM1-266-010		LVR, DIR
6	82-ZM1-214-010		SPR-T, DIR
7	82-ZM1-206-210		CHAS, HEAD
8	87-078-014-010		SH, 5-5-0.05
9	82-ZM1-269-010		SPR-T, BRG
10	82-ZM1-219-010		SPR-T, LINK
11	82-ZM1-210-010		GEAR, H T
12	82-ZM1-213-010		SPR-T, HEAD
13	82-ZM1-207-010		GUIDE, TAPE
14	82-ZM1-283-210		S-SCREW, AZIMUTH
15	82-ZM1-209-010		PLATE, HEAD
16	82-ZM1-208-010		HLDR, HEAD
17	82-ZM1-218-010		SPR-E, HB
18	82-ZM1-263-110		LVR, EJECT L (DECK 1)
18	82-ZM1-264-010		LVR, EJECT R (DECK 2)
19	82-ZM1-222-010		LVR, PLAY
20	82-ZM1-217-110		REEL TABLE
21	82-ZM1-244-110		SPR-C, BT
22	82-ZM1-285-110		SPR-C, BT L
23	82-ZM1-257-010		SPR-T, CAS
24	82-ZM1-241-110		LVR, MC
25	82-ZM1-242-010		LVR, CAS
26	82-ZM1-243-010		LVR, STOP
27	82-ZM1-253-110		LVR ASSY, PINCH R
28	82-ZM1-259-010		SPR-T, PINCH R
29	82-ZM1-240-110		LVR, REC (DECK 2)
30	82-ZM1-298-010		SPR-P, EARTH
31	82-ZM1-255-110		SPR-E, LVR DIR
32	82-ZM1-221-110		GEAR, CAM
33	82-ZM1-227-110		LVR, TRIG
34	82-ZM1-224-110		LVR, FR
35	82-ZM1-305-010		SPR-E, TRIG 2
36	82-ZM1-277-010		SPR-C, PLAY
37	82-ZM1-223-010		GEAR, PLAY
38	82-ZM1-256-110		SPR-T, FR
39	82-ZM1-220-210		GEAR, IDLER
40	80-ZM6-217-010		RING MAGNET 2
41	82-ZM1-216-210		GEAR, REEL
42	82-ZM1-276-010		SPR-C, FR
43	82-ZM1-225-010		GEAR, FR
44	82-ZM1-226-010		GEAR, REW
45	82-ZM1-228-210		SLIP DISK ASSY
46	82-ZM1-261-110		BELT, FR
47	82-ZM1-237-210		FLY-WHL ASSY, R (DECK 2)
47	82-ZM3-209-110		FLY-WHL ASSY, R2 (DECK 1)
48	82-ZM1-234-110		FLY-WHL ASSY, L (DECK 2)
48	82-ZM3-207-210		FLY-WHL ASSY, L2 (DECK 1)
49	82-ZM3-206-010		BELT, R
50	82-ZM1-245-210		HLDR, IC
51	82-ZM3-201-010		HLDR, MC
52	82-ZM3-202-010		PULLEY, MOT 2M
53	82-ZM1-288-010		SH, 1.63-3.2-0.5 SLT
54	80-ZM6-243-010		SH, 1.75-3.6-0.5 SLT
55	80-ZM6-230-010		SH, BELT
56	86-575-242-010		CUSH-G, DIA3.7-9-3.2
57	86-575-361-010		CUSH-G, 6-8-0.8
58	82-ZM3-205-010		BELT, L
59	82-ZM3-204-010		PULLEY, COUPLER (DECK 1)
60	87-045-347-010		MOT, SHU2L 70(M1)
61	87-046-355-010		HEAD, PH HADKH2529B(PH)
61	87-046-356-010		HEAD, RPH HADKH5581B(RPH)
A	87-585-036-410		UIT+2-8
B	80-ZM6-207-010		V+1.6-7
C	82-ZM1-309-010		S-SCRW, MOTOR
D	87-067-178-010		VTT+2.6-3
E	87-067-932-010		PW, 2.15-6.8-0.5 SLT
F	87-067-972-010		PW, 1.05-3-0.25 SLT

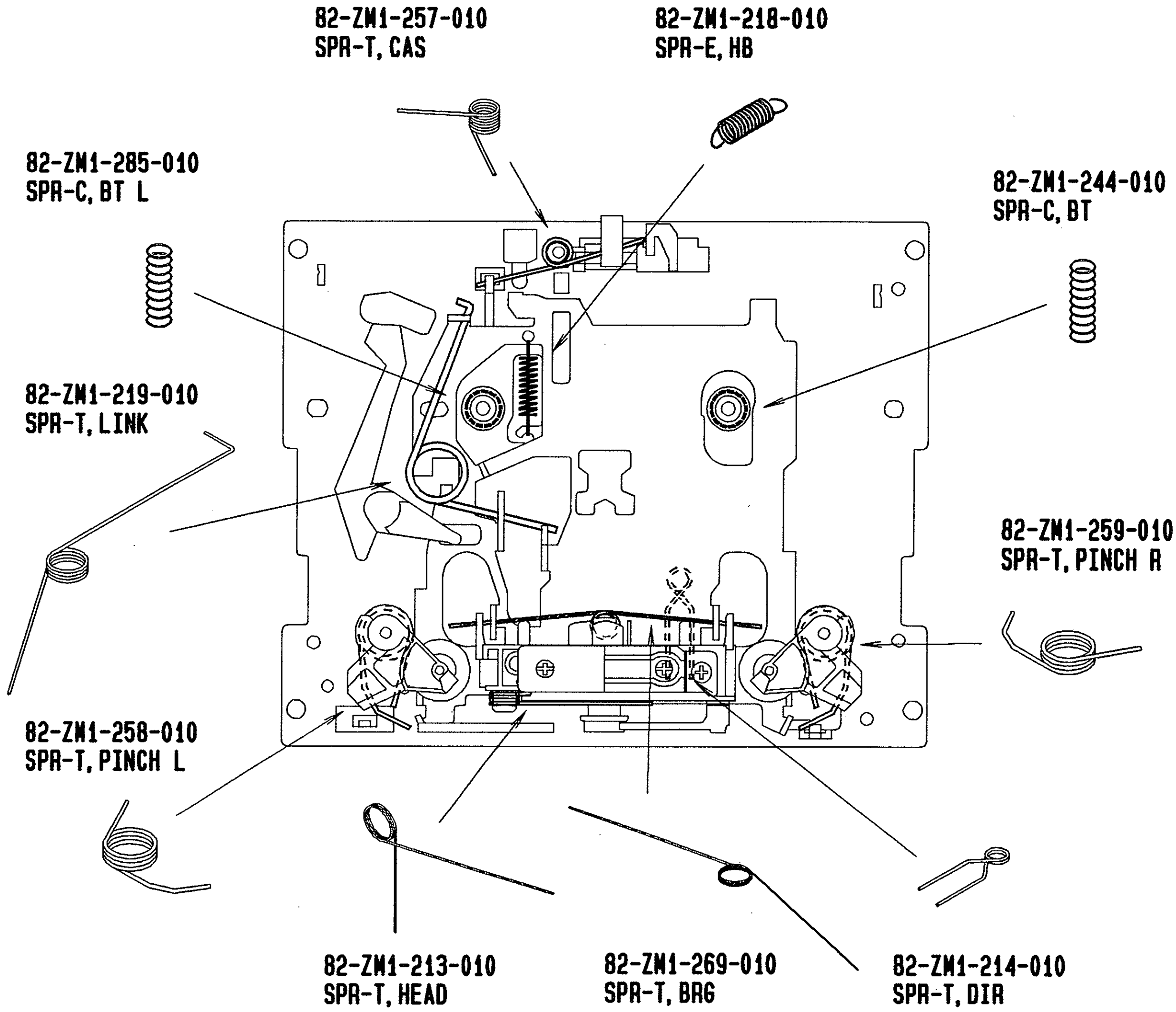
CD MECHANISM EXPLODED VIEW 1/1

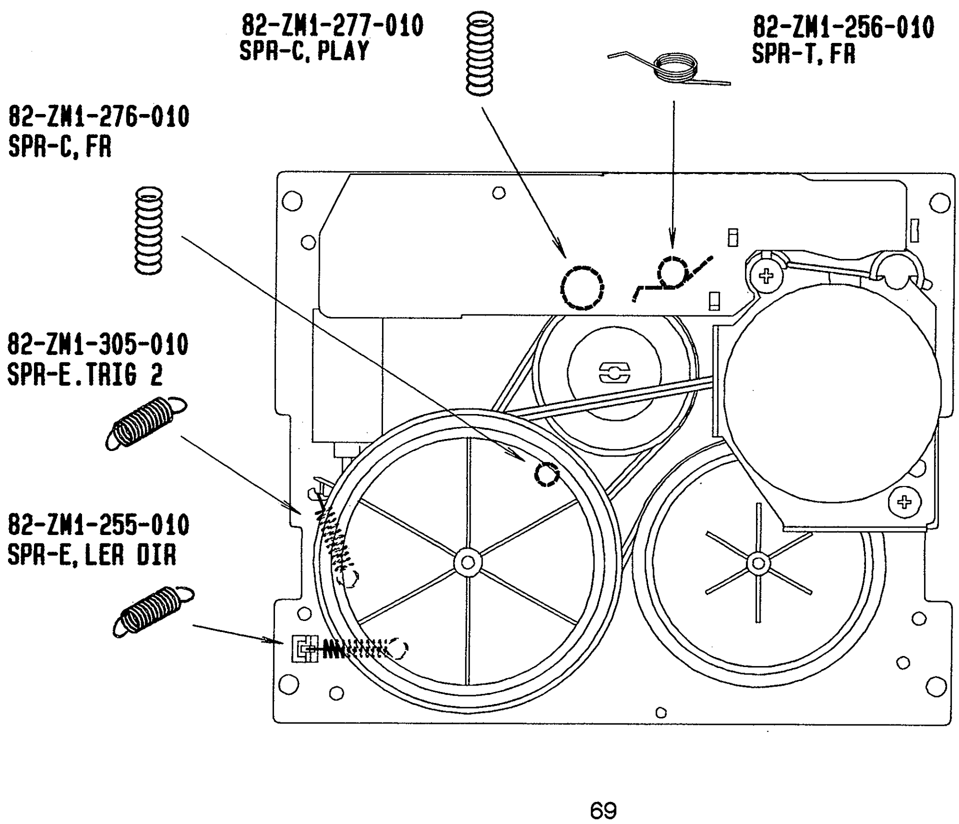


CD MECHANISM PARTS LIST 1/1

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
1	9X-262-513-310		T.T CHASS ASSY W/MOTOR
2	92-625-188-020		GEAR(A)
3	92-625-544-010		COVER
4	92-625-187-010		RING CENTER
5	92-625-191-010		SPRING COMPRESSION
6	98-848-127-110		OPTICAL PICK UP KSS-210A
7	94-917-565-010		SHAFT SLED
A	87-261-032-210		V+2-3

SPRING APPLICATION POSITION





MODEL NO.
SX-N737

■ SPEAKER LIST

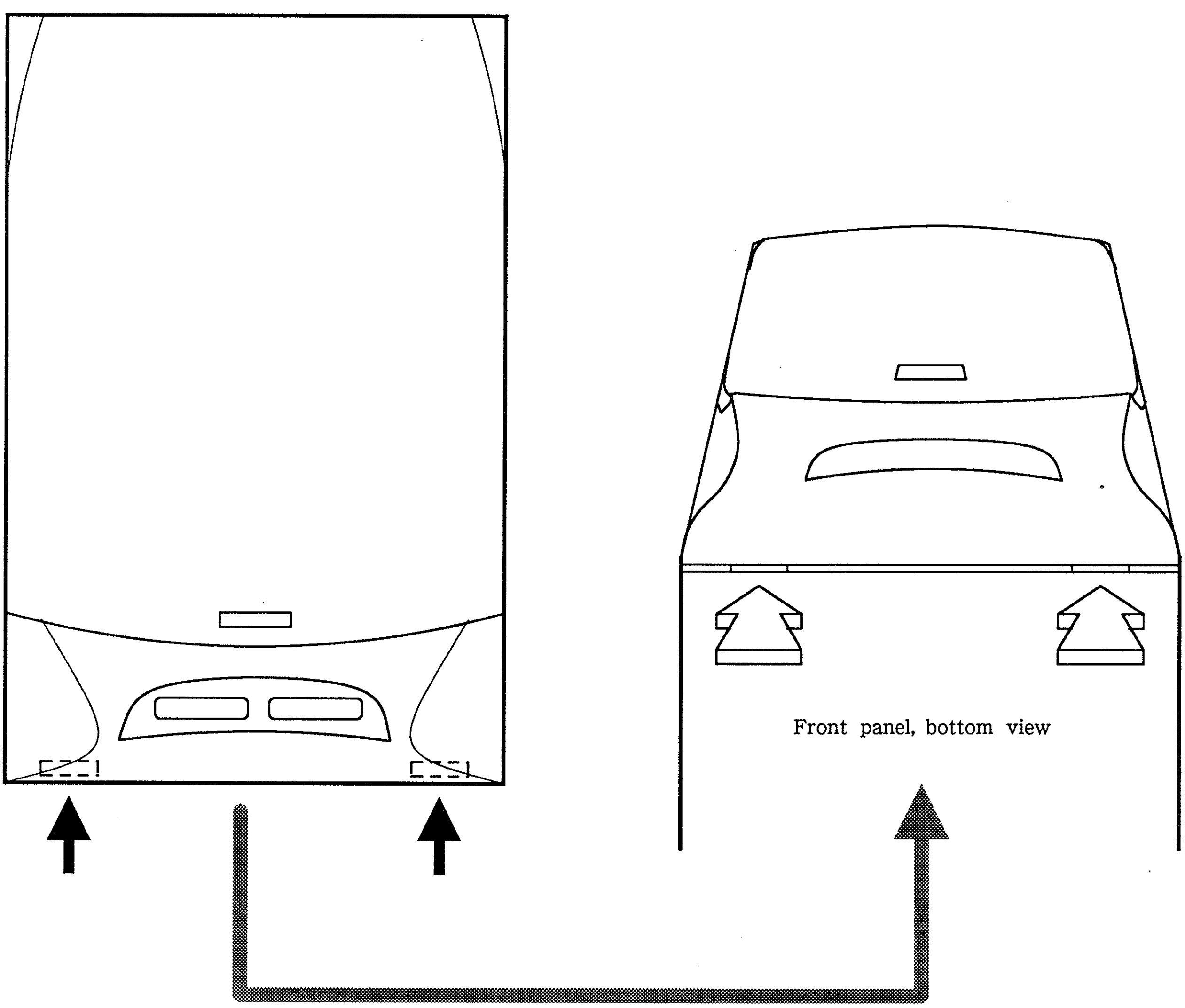
DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	カンリ NO.	DESCRIPTION
	83-NSD-017-010		PANEL FR, L
	83-NSD-001-010		PANEL FR, R
	83-NSD-008-010		RING TW, ASSY R
	83-NSD-021-010		RING TW, ASSY L
	83-NSD-007-010		GRILL FRAME ASSY
	83-NSD-602-010		SPEAKER WOOFER(EXCEPT LH, U)
	83-NSD-606-010		SPEAKER WOOFER H(LH, U)
	83-NSD-608-010		SPEAKER TWEETER(EXCEPT LH, U)
	83-NSD-604-010		SPEAKER TWEETER H(LH, U)
	83-096-614-010		SPEAKER CORD
	82-NS2-610-010		TERMINAL ASSY

■ DISASSEMBLY INSTRUCTIONS

- Insert a flat – bladed screwdriver into the position indicated by the arrows (shown in the below figure) and remove the front panel and tweeter. Remove the screws of each speaker unit and then remove the speaker units.

- SX – N737 (3 WAY SPEAKER SYSTEM)



■ ACCESSORIES／PACKAGE LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO	PART NO.	ｶﾝﾘ NO.	DESCRIPTION
1	83-NTD-901-010		IB, ESC(S)〈EXCEPT U〉
2	83-NTD-902-010		IB, GFI(S)〈EE, EEZ〉
3	83-NTD-903-010		IB, U(S)〈U〉
4	82-NT2-022-010		RC-TN707
5	87-006-225-010		AM LOOP ANT NC2
6	87-009-724-010		PLUG, ADPTR IR39〈LH〉
7	87-009-725-010		PLUG, ADPTR IR40〈HE〉
8	87-043-106-010		FM, WIRE ANT(Z)〈K, EE, EEZ〉
9	87-043-115-010		ANT, FEEDER FM〈LH, HE, U〉

REFERENCE NAME LIST

ELECTRICAL SECTION

DESCRIPTION	REFERENCE NAME
ANT	ANTENNAS
C-	CHIP
C-CAP	CAP, CHIP
C-CAP TN	CAP, CHIP TANTALUM
C-COIL	COIL, CHIP
C-DI	DIODE, CHIP
C-DIODE	DIODE, CHIP
C-FET	FET, CHIP
C-FOTR	FILTER, CHIP
C-JACK	JACK, CHIP
C-LED	LED, CHIP
C-RES	RES, CHIP
C-SFR	SFR, CHIP
C-SLIDE SW	SLIDE SWITCH, CHIP
C-SW	SWITCH, CHIP
C-TR	TRANSISTOR, CHIP
C-VR	VOLUME, CHIP
C-ZENER	ZENER, CHIP
CAP, CER	CAP, CERA-SOL
CAP, E	CAP, ELECT
CAP, M/F	CAP, FILM
CAP, TC	CAP, CERA-SOL
CAP, TC-U	CAP, CERA-SOL SS
CAP, TN	CAP, TANTALUM
CERA FIL	FILTER, CERAMIC
CF	FILTER, CERAMIC
DL	DELAY LINE
E/CAP	CAP, ELECT
FILT	FILTER
FLTR	FILTER
FUSE RES	RES, FUSE
MOT	MOTOR
P-DIODE	PHOTO DIODE
P-SNSR	PHOTO SENSER
P-TR	PHOTO TRANSISTOR
POLY VARI	VARIABLE CAPACITOR
PPCAP	CAP, PP
PT	POWER TRANSFORMER
PTR, RES	PTR, MELF
RC	REMOTE CONTROLLER
RES NF	RES, NON-FLAMMABLE
RESO	RESONATOR
SHLD	SHIELD
SOL	SOLENOID
SPKR	SPEAKER
SW, LVR	SWITCH, LEVER
SW, RTRY	SWITCH, ROTARY
SW, SL	SWITCH, SLIDE
TC CAP	CAP, SERA-SOL
THMS	THERMISTOR
TR	TRANSISTOR
TRIMMER	CAP, TRIMMER
TUN-CAP	VARIABLE CAPACITOR
VIB, CER	RESONATOR, CERAMIC
VIB, XTAL	RESONATOR, CRYSTAL
VR	VOLUME
ZENER	DIODE, ZENER
サージサプレッサ	SERGESUPPRESSOR
セラコン	CAP,CERA

MECHANICAL SECTION

DESCRIPTION	REFERENCE NAME
ADHESHIVE	SHEET ADHESHIVE
AZ	AZIMUTH
BAR-ANT	BAR-ANTENNA
BAT	BATTERY
BATT	BATTERY
BRG	BEARING
BTN	BUTTON
CAB	CABINET
CASS	CASSETTE
CHAS	CHASSIS
CLR	COLLAR
CONT	CONTROL
CRSR	CURSOR
CU	CUSHION
CUSH	CUSHION
DIR	DIRECTION
DUBB	DUBBING
FL	FRONT LOADING
FLY-WHL	FLYWHEEL
FR	FRONT
FUN	FUNCTION
G-CU	G-CUSHION
HDL	HANDOL
HIMERON	CLOTH
HINGE, BAT	HINGE, BATTERY
HLDR	HOLDER
HT-SINK	HEAT SINK
IB	INSTRUCTION BOOKLET
IDLE	IDLER
IND, L-R	INDICATOR, L-R
KEY, CONT	KEY, CONTROL
KEY, PRGM	KEY, PROGRAM
KNOB, SL	KNOB, SLIDE
LBL	LABEL
LID, BATT	LID, BATTERY
LID, CASS	LID, CASSETTE
LVR	LEVER
P-SP	P-SPRING
PANEL, CONT	PANEL, CONTROL
PANEL, FR	PANEL, FRONT
PRGM	PROGRAM
PULLY, LOAD MO	PULLY, LOAD MOTOR
RBN	RIBBON
S-	SPECIAL
SEG	SEGMENT
SH	SHEET
SHLD-SH	SHIELD-SHEET
SL	SLIDE
SP	SPRING
SP-SCREW	SPECIAL-SCREW
SPACER, BAT	SPACER, BATTERY
SPR	SPRING
SPR-P	P-SPRING
SPR-PC-PUSH	P-SPRING, C-PUSH
T-SP	T-SPRING
TERM	TERMINAL
TRIG	TRIGGER
TUN	TUNING
VOL	VOLUME
W	WASHER
WHL	WHEEL
WORM-WHL	WORM-WHEEL
ジグアーム	ARM,SHAFT
ジグガイド	GUIDE,SHAFT
ストラップ	STRAP
トクナベ	S-SCRW
ヒンジ	HINGE
ヒンジビス	S-SCRW
ビスセレート	SCRW,SERRART

サービス技術ニュース	
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